Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN031020\
Data File : BN010176.D
Acq On : 11 Mar 2020 05:07
Operator : CG/JU
Sample : PB127415BSD
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : PB127415BSD

Quant Time: Mar 11 05:46:16 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN021920.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Feb 19 15:57:43 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.37	152	693	0.40	ng		-0.05
7) Naphthalene-d8	10.14	136	2393	0.40	ng		-0.04
13) Acenaphthene-d10	14.00	164	1507	0.40	ng		-0.06
19) Phenanthrene-d10	16.78	188	3108	0.40	ng		-0.04
27) Chrysene-d12	21.00	240	3407	0.40	ng		-0.04
34) Perylene-d12	23.10	264	3216	0.40	ng		-0.05
System Monitoring Compounds							
4) 2-Fluorophenol	5.04	112	736	0.48	ng		-0.04
5) Phenol-d6	6.63	99	816	0.44	ng		-0.02
8) Nitrobenzene-d5	8.58	82	915	0.46	ng		-0.01
11) 2-Methylnaphthalene-d10	11.74	152	2021	0.44	ng		-0.04
14) 2,4,6-Tribromophenol	15.56	330	226	0.39	ng		-0.03
15) 2-Fluorobiphenyl	12.63	172	2849	0.50	ng		-0.06
25) Fluoranthene-d10	18.82	212	4292	0.40	ng		-0.04
29) Terphenyl-d14	19.44	244	3727	0.46	ng		-0.04
Target Compounds							Qvalue
3) n-Nitrosodimethylamine	3.40	42	692	0.594	ng	#	22
6) bis(2-Chloroethyl)ether	6.85	93	727	0.399	ng		87
9) Naphthalene	10.18	128	2743	0.420	ng		96
10) Hexachlorobutadiene	10.43	225	660	0.460	ng	#	95
12) 2-Methylnaphthalene	11.82	142	1888	0.422	ng		97
16) Acenaphthylene	13.72	152	2496	0.389	ng		99
17) Acenaphthene	14.06	154	1827	0.404	ng		99
18) Fluorene	15.08	166	2259	0.379	ng		100
20) 4-Bromophenyl-phenylether	16.01	248	222	Below Cal			89
21) Hexachlorobenzene	16.09	284	806	0.417	ng		99
22) Pentachlorophenol	16.48	266	161	0.427	ng		95
23) Phenanthrene	16.82	178	3581	0.387	ng		99
24) Anthracene	16.93	178	2925	0.374	ng		99
26) Fluoranthene	18.86	202	4390	0.396	ng		99
28) Pyrene	19.22	202	4833	0.374	ng		100
30) Benzo(a)anthracene	20.99	228	4115	0.364	ng		99
31) Chrysene	21.04	228	5413	0.414	ng		99
32) Bis(2-ethylhexyl)phthalate	20.91	149	2353	0.427	ng		94
33) Indeno(1,2,3-cd)pyrene	25.14	276	5379	0.395	ng		96
35) Benzo(b)fluoranthene	22.48	252	4398	0.374	ng	#	94
36) Benzo(k)fluoranthene	22.52	252	5332	0.417	ng		98
37) Benzo(a)pyrene	23.01	252	4234	0.395	ng	#	94
38) Dibenzo(a,h)anthracene	25.14	278	4310	0.408	ng		99
39) Benzo(g,h,i)perylene	25.76	276	4672	0.415	ng		98

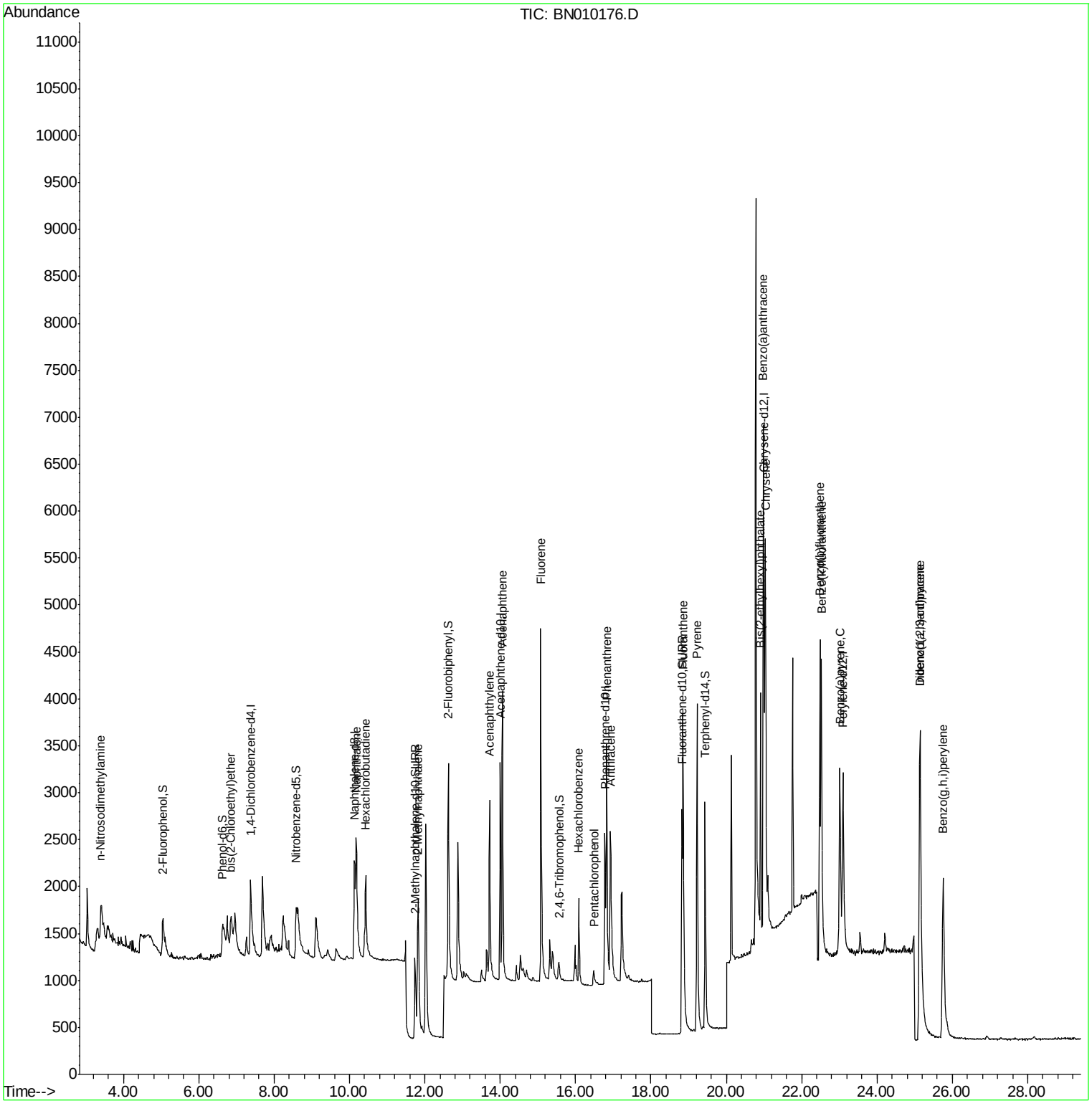
(#) = qualifier out of range (m) = manual integration (+) = signals summed

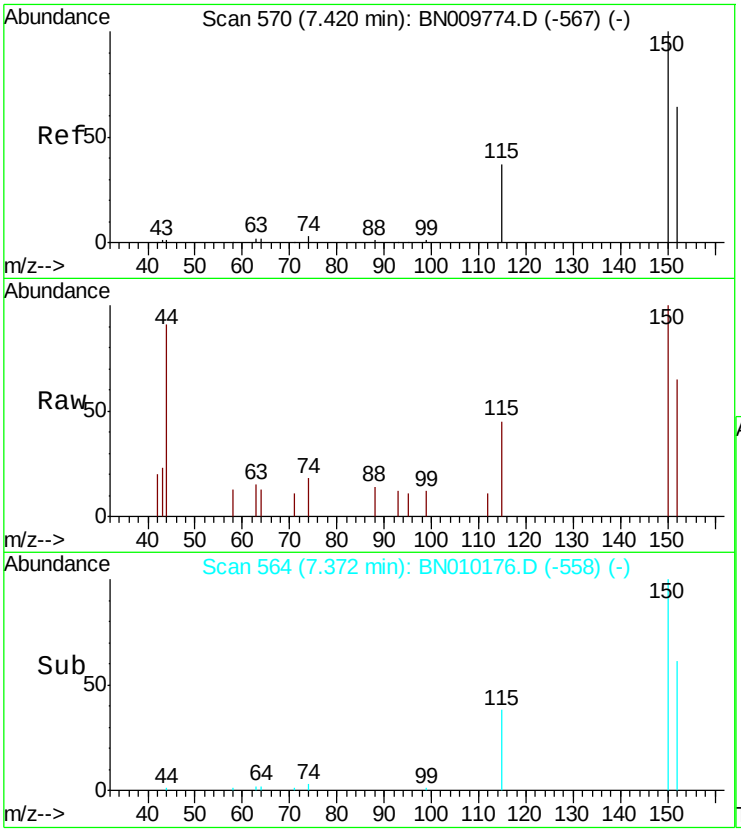
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN031020\
Data File : BN010176.D
Acq On : 11 Mar 2020 05:07
Operator : CG/JU
Sample : PB127415BSD
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PB127415BSD

Quant Time: Mar 11 05:46:16 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN021920.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Feb 19 15:57:43 2020
Response via : Initial Calibration



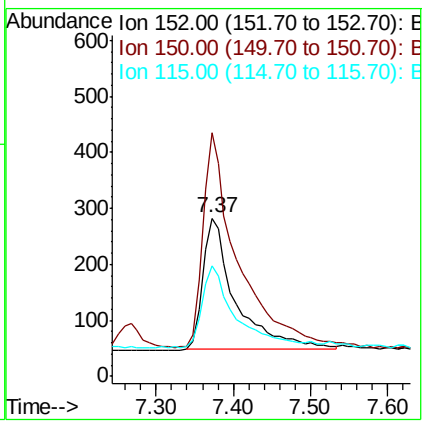


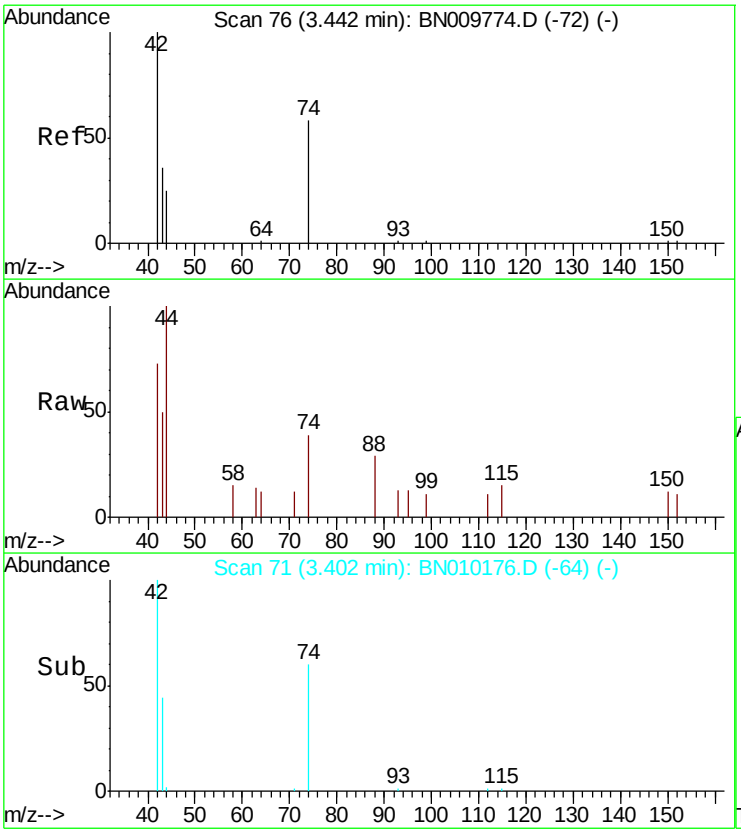
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.37 min Scan# 564
Delta R.T. -0.05 min
Lab File: BN010176.D
Acq: 11 Mar 2020 05:07

Instrument :
BNA_N
ClientSampleId :
PB127415BSD

Tgt Ion:152 Resp: 693

Ion	Ratio	Lower	Upper
152	100		
150	154.3	120.6	181.0
115	69.9	51.2	76.8

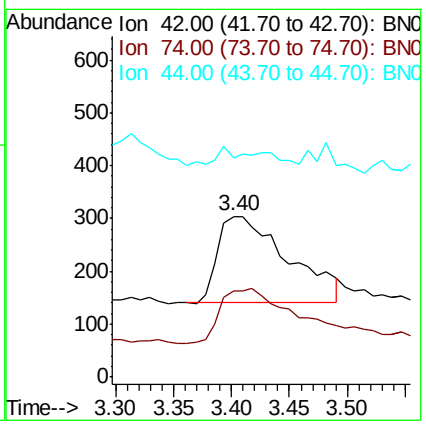


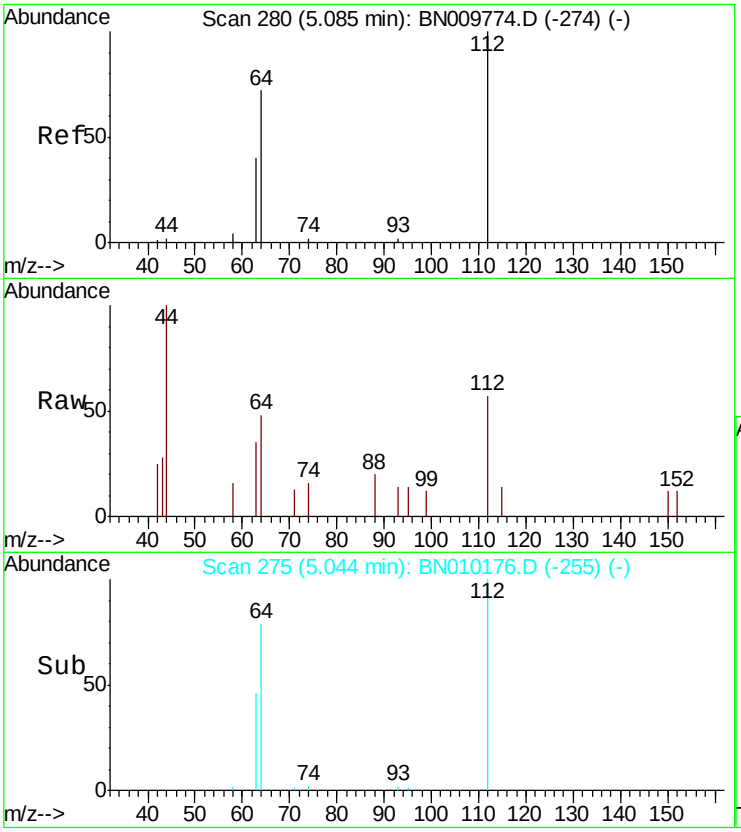


#3
n-Nitrosodimethylamine
Concen: 0.594 ng
RT: 3.40 min Scan# 71
Delta R.T. -0.04 min
Lab File: BN010176.D
Acq: 11 Mar 2020 05:07

Tgt Ion: 42 Resp: 692

Ion	Ratio	Lower	Upper
42	100		
74	0.0	51.2	76.8#
44	6.5	2.6	4.0#



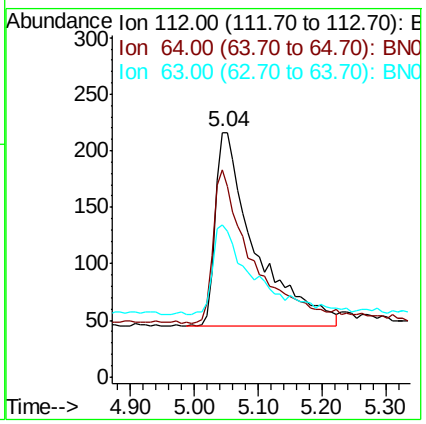


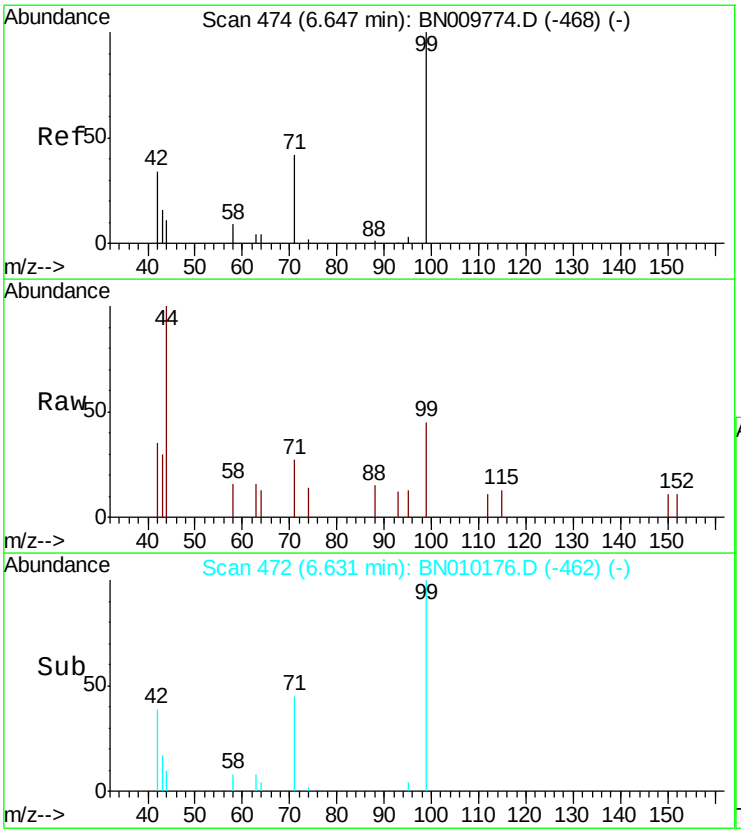
#4
2-Fluorophenol
Concen: 0.478 ng
RT: 5.04 min Scan# 275
Delta R.T. -0.04 min
Lab File: BN010176.D
Acq: 11 Mar 2020 05:07

Instrument :
BNA_N
ClientSampleId :
PB127415BSD

Tgt Ion:112 Resp: 736

Ion	Ratio	Lower	Upper
112	100		
64	78.0	65.8	98.6
63	47.8	38.7	58.1

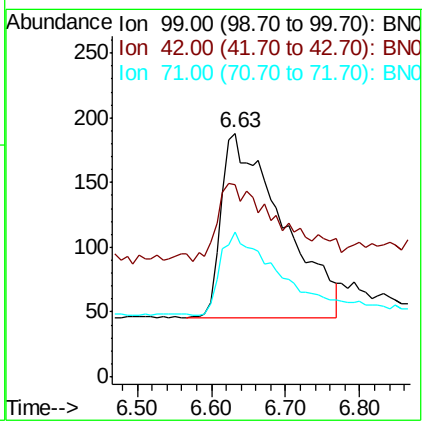


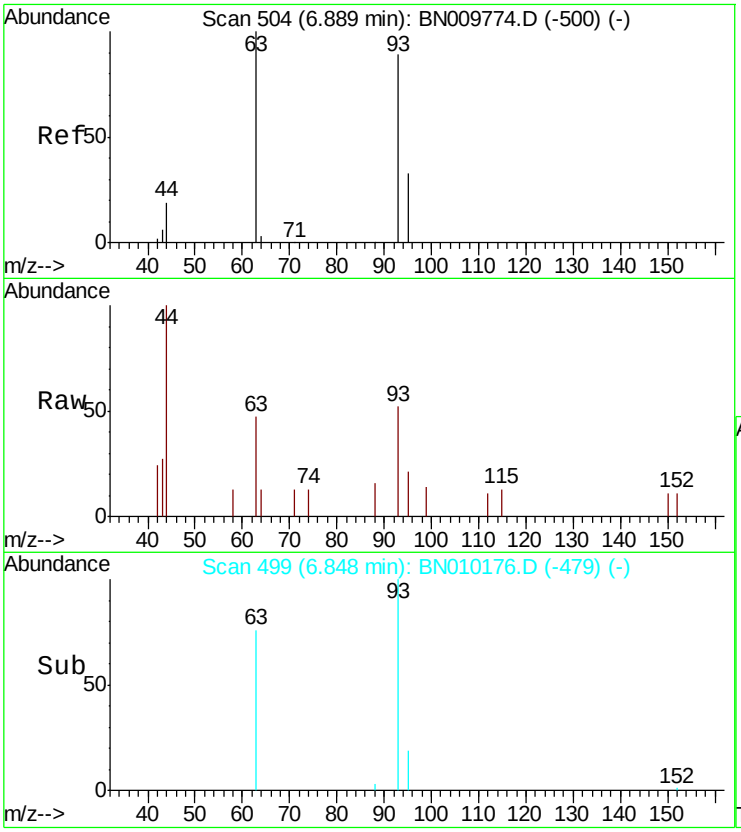


#5
Phenol-d6
Concen: 0.435 ng
RT: 6.63 min Scan# 472
Delta R.T. -0.02 min
Lab File: BN010176.D
Acq: 11 Mar 2020 05:07

Tgt Ion: 99 Resp: 816

Ion	Ratio	Lower	Upper
99	100		
42	39.3	30.8	46.2
71	42.3	34.9	52.3



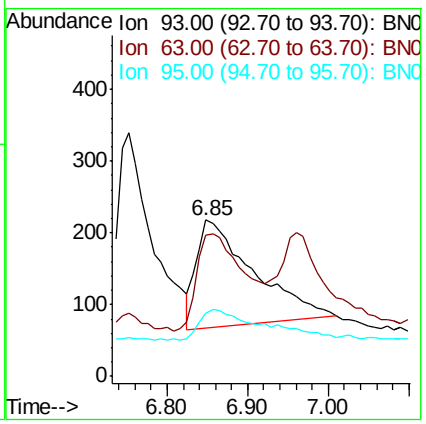


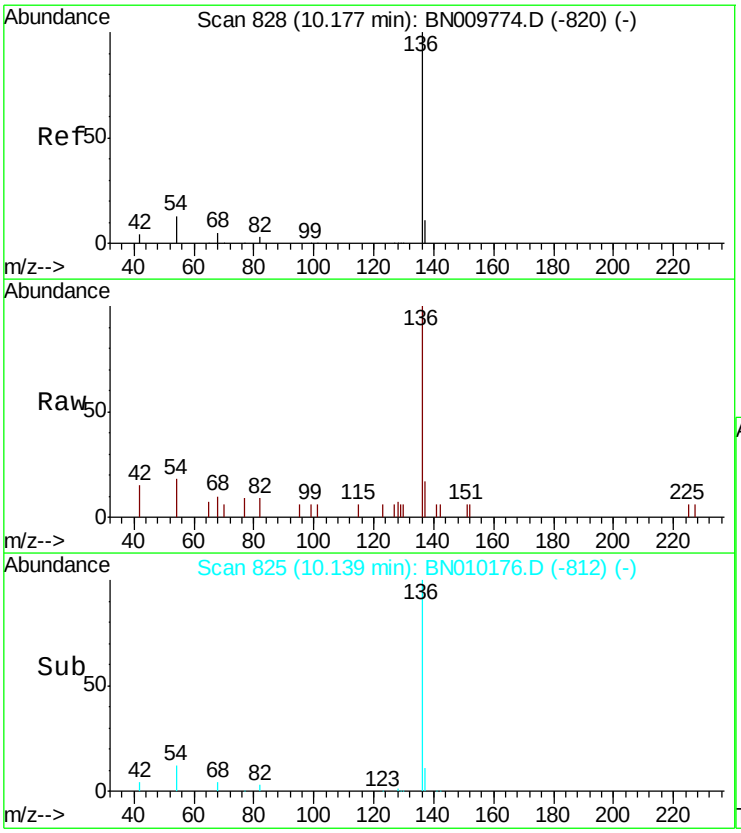
#6
bis(2-Chloroethyl)ether
Concen: 0.399 ng
RT: 6.85 min Scan# 499
Delta R.T. -0.04 min
Lab File: BN010176.D
Acq: 11 Mar 2020 05:07

Instrument :
BNA_N
ClientSampleId :
PB127415BSD

Tgt Ion: 93 Resp: 727

Ion	Ratio	Lower	Upper
93	100		
63	76.3	74.0	111.0
95	33.8	26.7	40.1

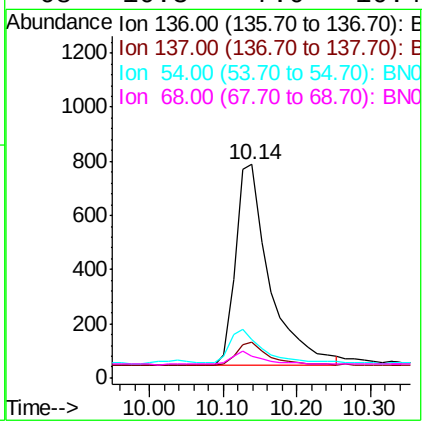


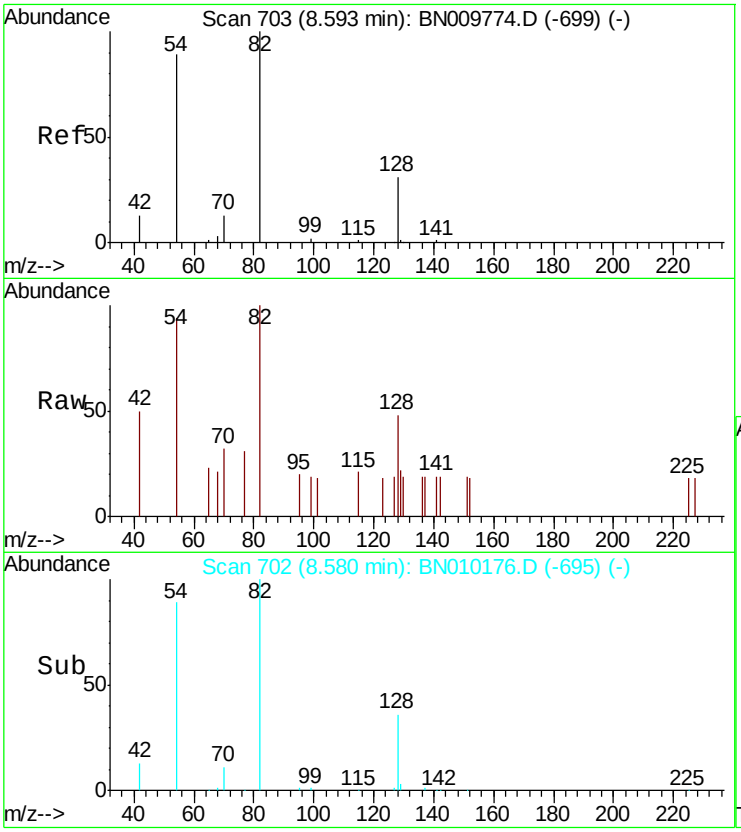


#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.14 min Scan# 825
Delta R.T. -0.04 min
Lab File: BN010176.D
Acq: 11 Mar 2020 05:07

Tgt Ion:136 Resp: 2393

Ion	Ratio	Lower	Upper
136	100		
137	16.6	11.3	16.9
54	17.9	13.4	20.2
68	10.3	7.0	10.4



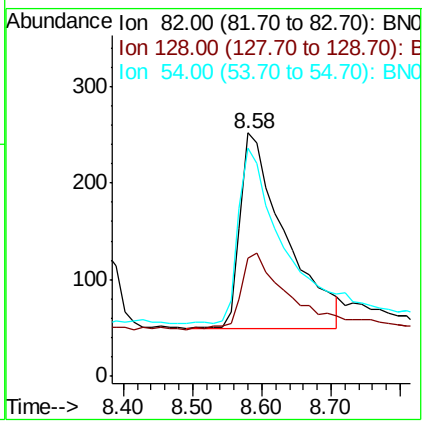


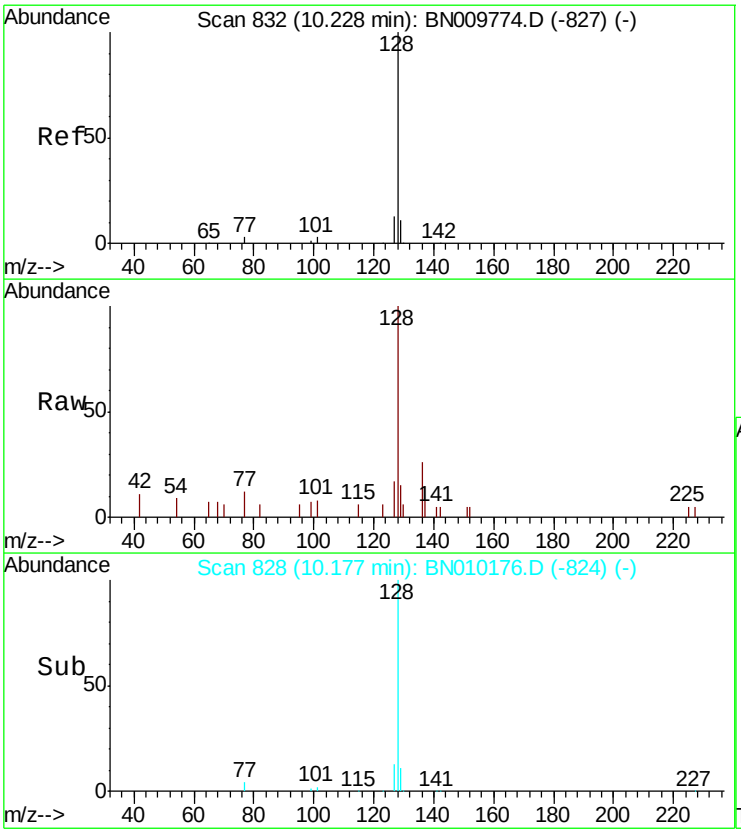
#8
Nitrobenzene-d5
Concen: 0.459 ng
RT: 8.58 min Scan# 702
Delta R.T. -0.01 min
Lab File: BN010176.D
Acq: 11 Mar 2020 05:07

Instrument :
BNA_N
ClientSampleId :
PB127415BSD

Tgt Ion: 82 Resp: 915

Ion	Ratio	Lower	Upper
82	100		
128	48.4	32.5	48.7
54	93.7	73.5	110.3

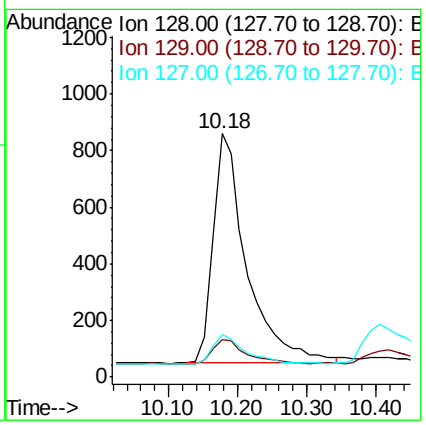


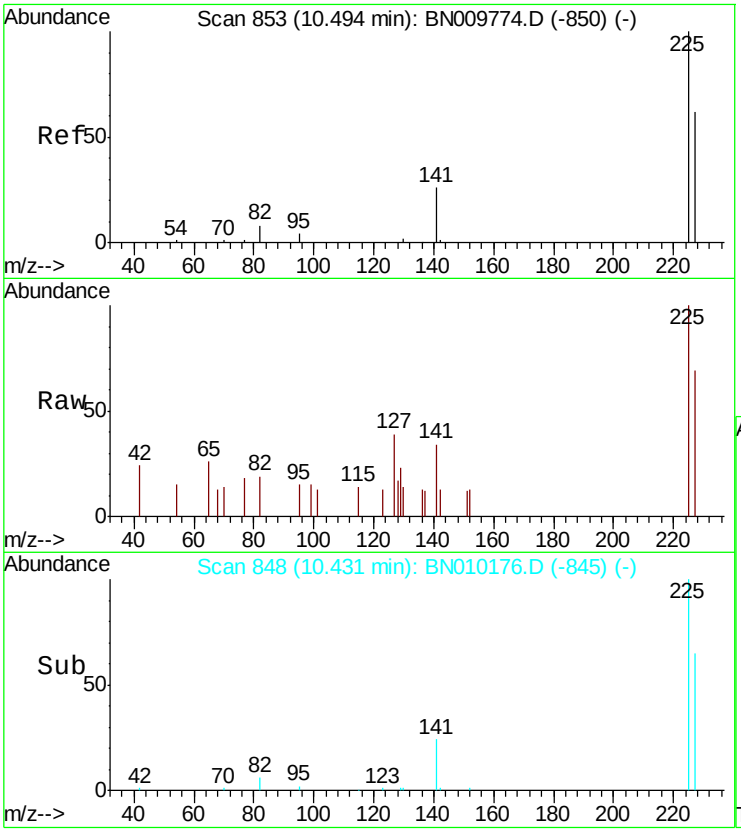


#9
Naphthalene
Concen: 0.420 ng
RT: 10.18 min Scan# 828
Delta R.T. -0.05 min
Lab File: BN010176.D
Acq: 11 Mar 2020 05:07

Tgt Ion:128 Resp: 2743

Ion	Ratio	Lower	Upper
128	100		
129	15.5	11.1	16.7
127	17.3	12.6	19.0



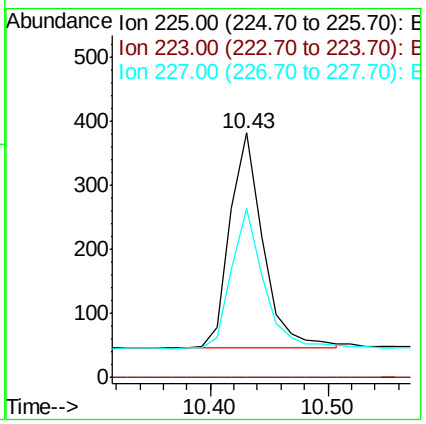


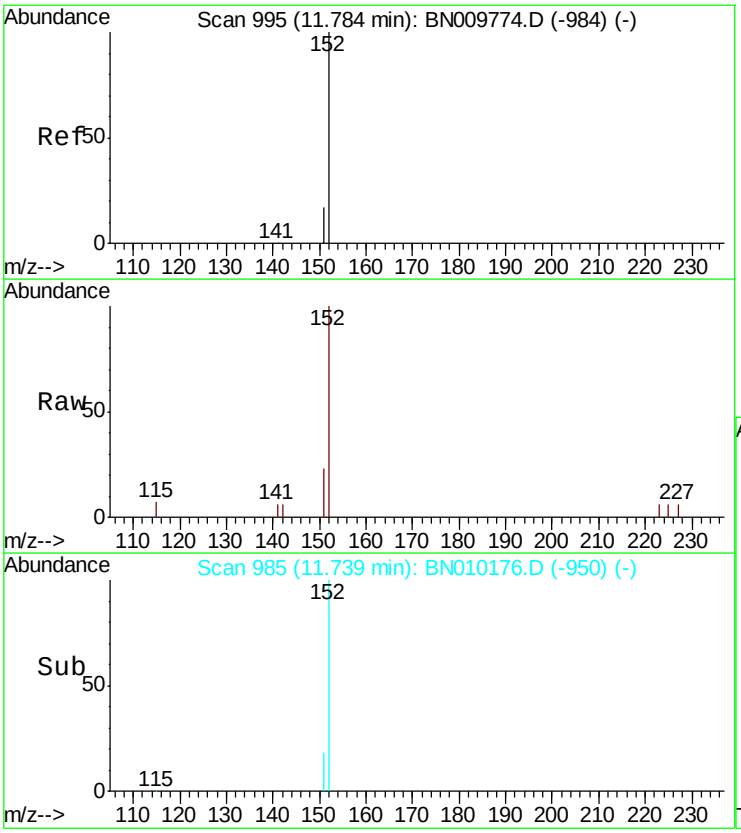
#10
Hexachlorobutadiene
Concen: 0.460 ng
RT: 10.43 min Scan# 848
Delta R.T. -0.06 min
Lab File: BN010176.D
Acq: 11 Mar 2020 05:07

Instrument :
BNA_N
ClientSampleId :
PB127415BSD

Tgt Ion:225 Resp: 660

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	62.6	53.4	80.2

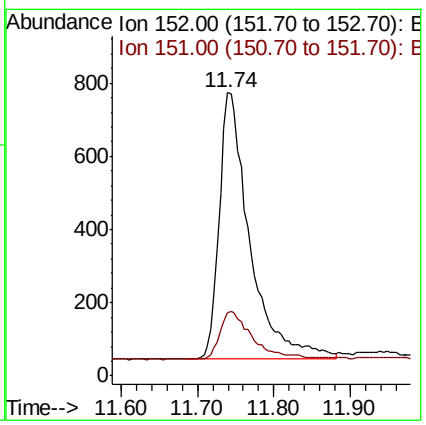


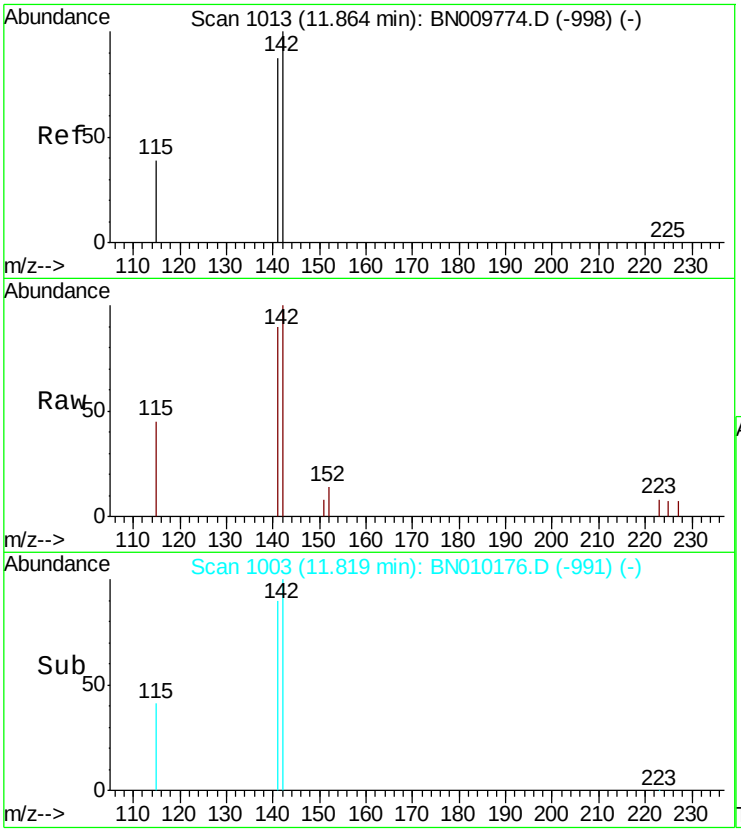


#11
2-Methylnaphthalene-d10
Concen: 0.436 ng
RT: 11.74 min Scan# 985
Delta R.T. -0.04 min
Lab File: BN010176.D
Acq: 11 Mar 2020 05:07

Tgt Ion:152 Resp: 2021

Ion	Ratio	Lower	Upper
152	100		
151	19.1	15.1	22.7



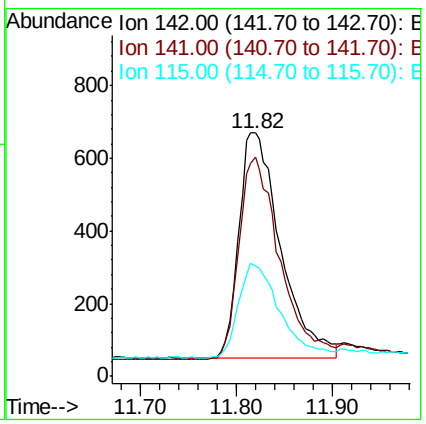


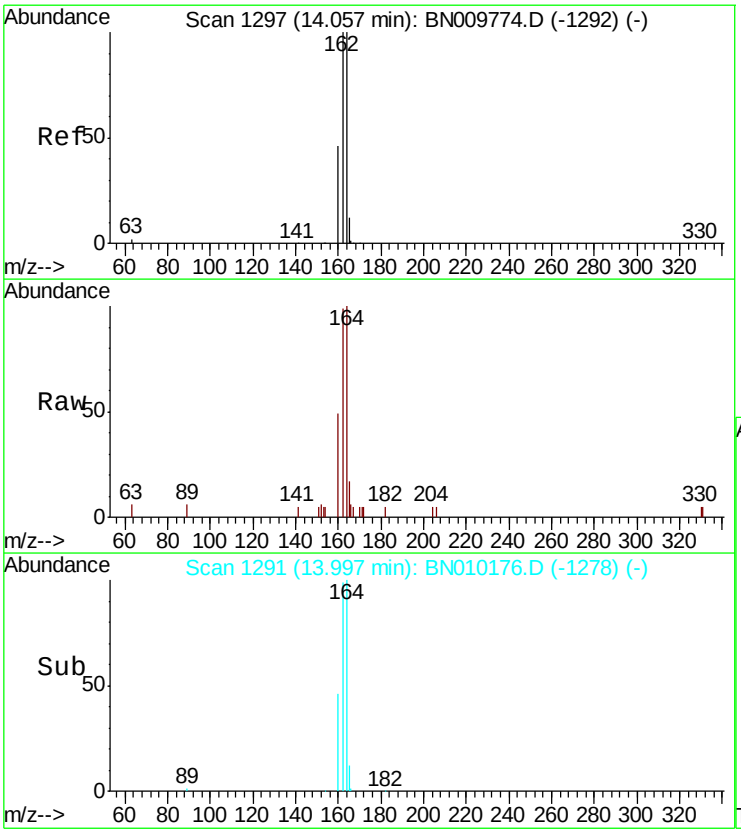
#12
2-Methylnaphthalene
Concen: 0.422 ng
RT: 11.82 min Scan# 1003
Delta R.T. -0.04 min
Lab File: BN010176.D
Acq: 11 Mar 2020 05:07

Instrument :
BNA_N
ClientSampleId :
PB127415BSD

Tgt Ion:142 Resp: 1888

Ion	Ratio	Lower	Upper
142	100		
141	90.1	69.8	104.6
115	45.4	34.6	52.0

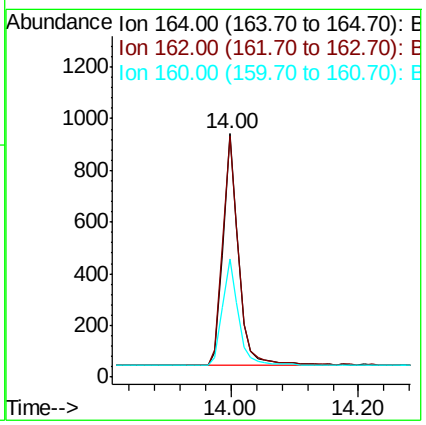


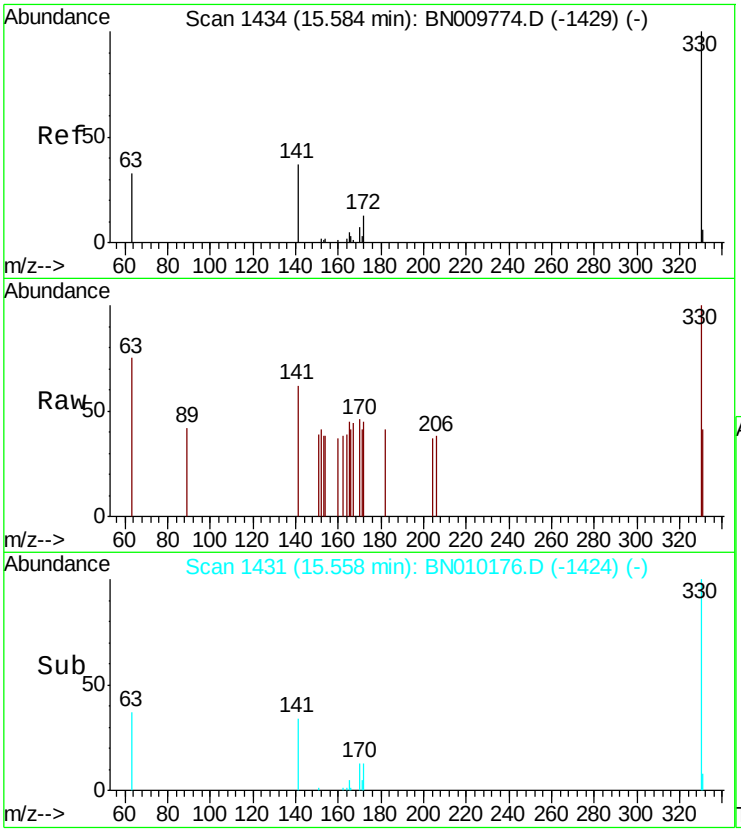


#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.00 min Scan# 1291
Delta R.T. -0.06 min
Lab File: BN010176.D
Acq: 11 Mar 2020 05:07

Tgt Ion:164 Resp: 1507

Ion	Ratio	Lower	Upper
164	100		
162	99.3	79.9	119.9
160	48.5	38.2	57.2



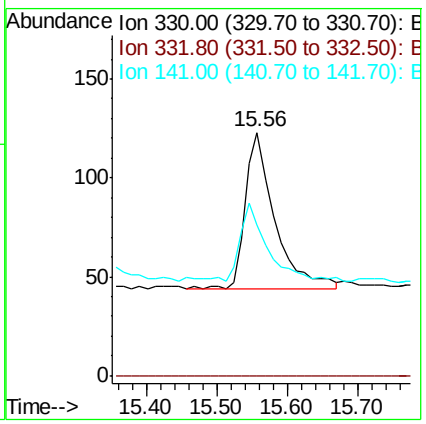


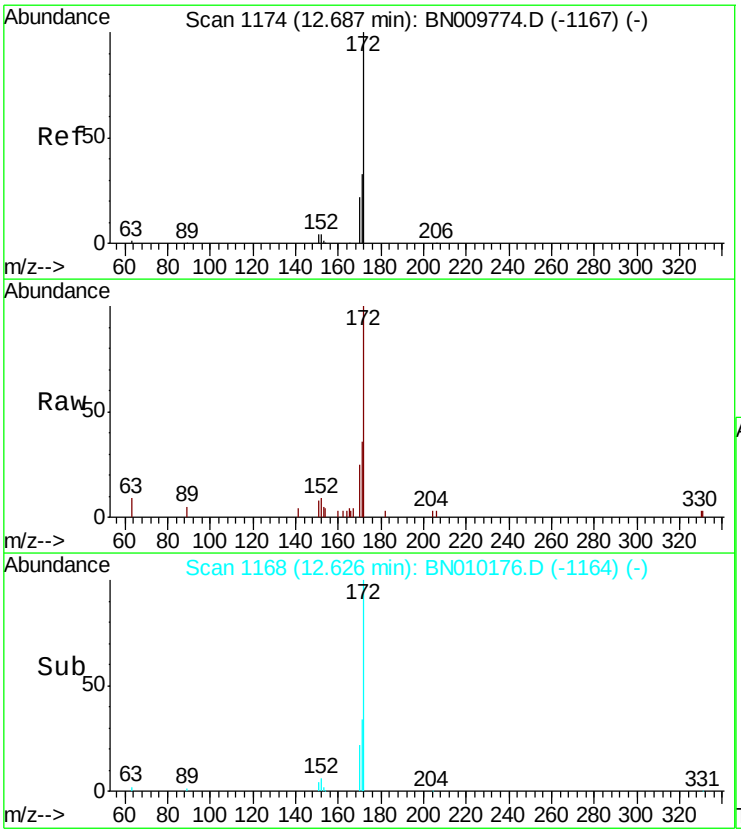
#14
2,4,6-Tribromophenol
Concen: 0.389 ng
RT: 15.56 min Scan# 1431
Delta R.T. -0.03 min
Lab File: BN010176.D
Acq: 11 Mar 2020 05:07

Instrument :
BNA_N
ClientSampleId :
PB127415BSD

Tgt Ion:330 Resp: 226

Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	43.4	36.8	55.2

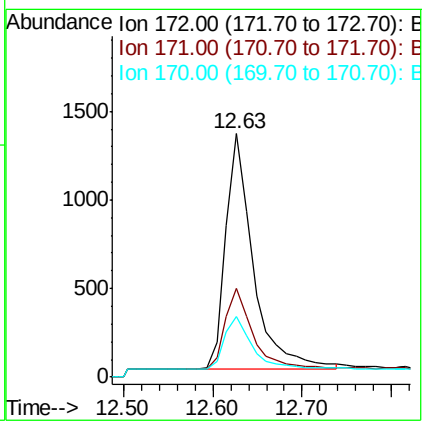


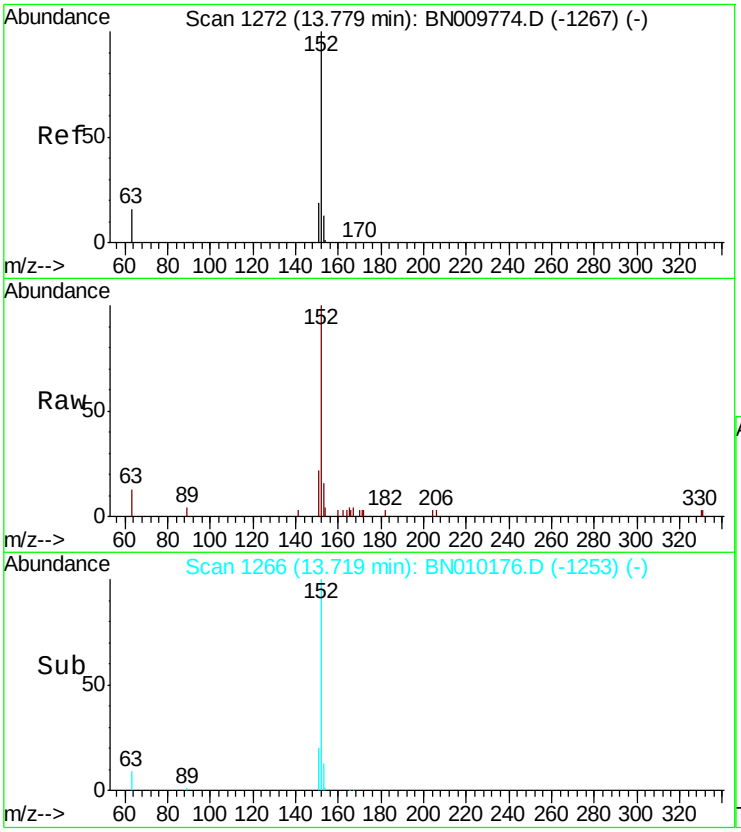


#15
2-Fluorobiphenyl
Concen: 0.501 ng
RT: 12.63 min Scan# 1168
Delta R.T. -0.06 min
Lab File: BN010176.D
Acq: 11 Mar 2020 05:07

Tgt Ion:172 Resp: 2849

Ion	Ratio	Lower	Upper
172	100		
171	36.4	28.7	43.1
170	24.7	20.1	30.1



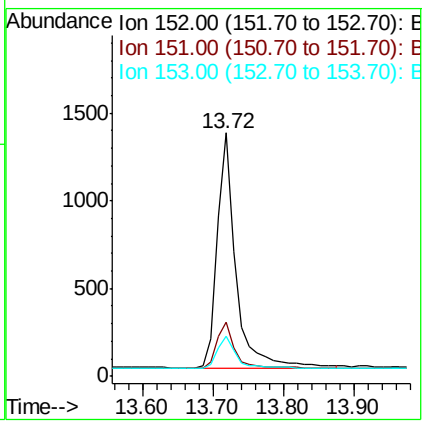


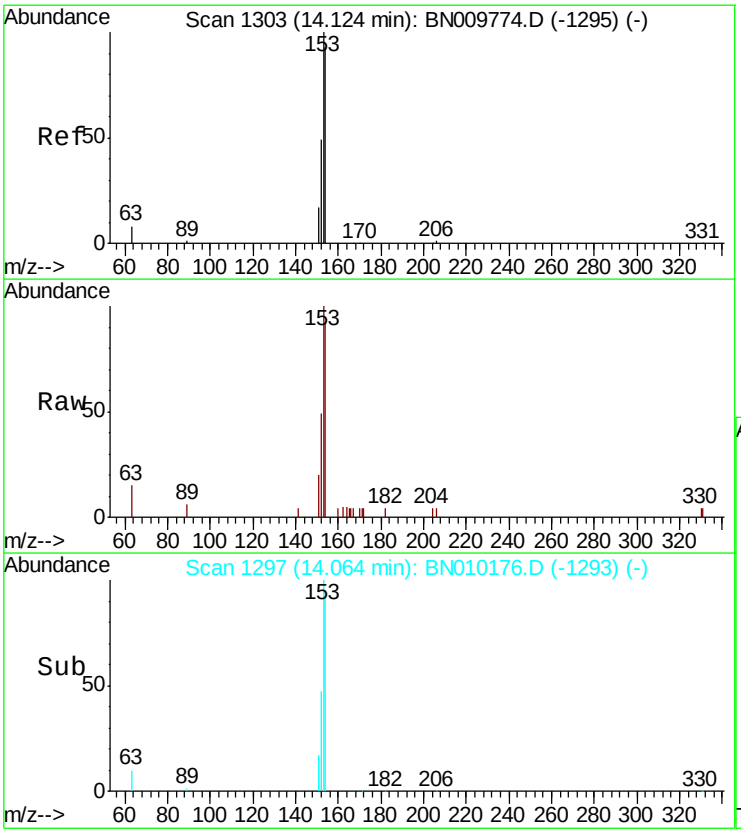
#16
Acenaphthylene
Concen: 0.389 ng
RT: 13.72 min Scan# 1266
Delta R.T. -0.06 min
Lab File: BN010176.D
Acq: 11 Mar 2020 05:07

Instrument :
BNA_N
ClientSampleId :
PB127415BSD

Tgt Ion:152 Resp: 2496

Ion	Ratio	Lower	Upper
152	100		
151	19.3	15.8	23.6
153	13.4	10.2	15.4

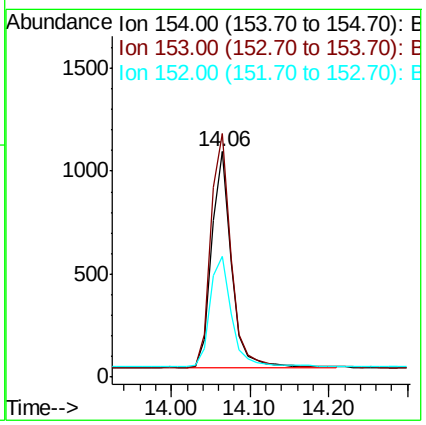


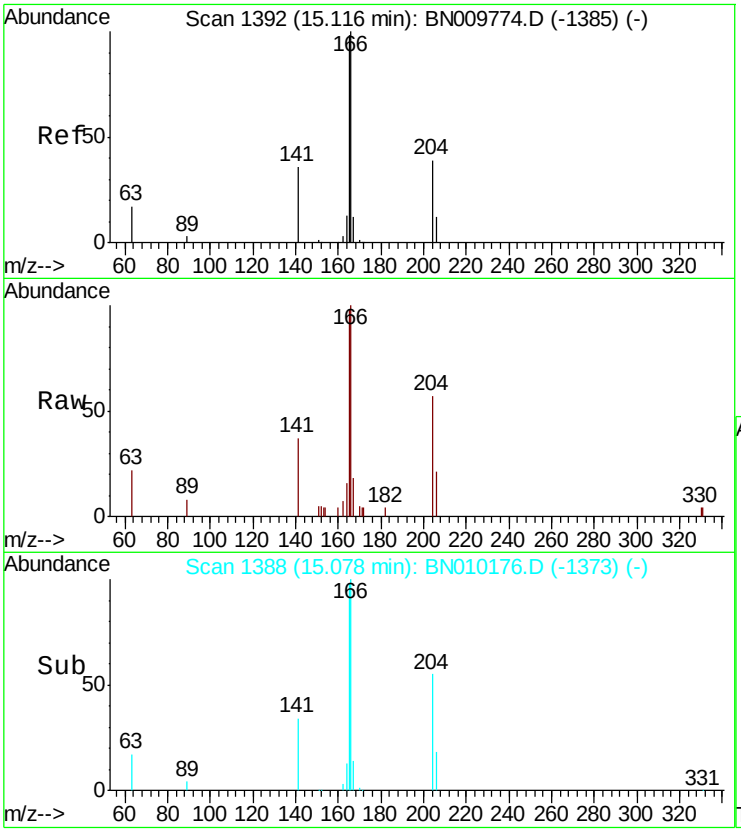


#17
Acenaphthene
Concen: 0.404 ng
RT: 14.06 min Scan# 1297
Delta R.T. -0.06 min
Lab File: BN010176.D
Acq: 11 Mar 2020 05:07

Tgt Ion:154 Resp: 1827

Ion	Ratio	Lower	Upper
154	100		
153	112.3	88.9	133.3
152	54.8	44.2	66.2



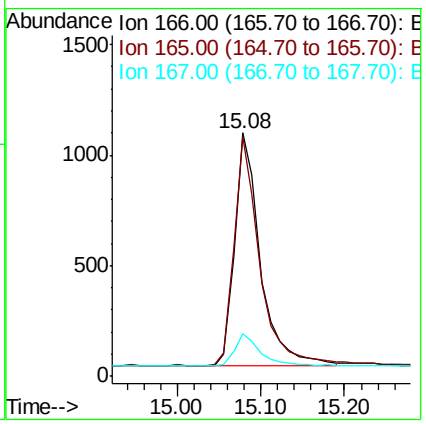


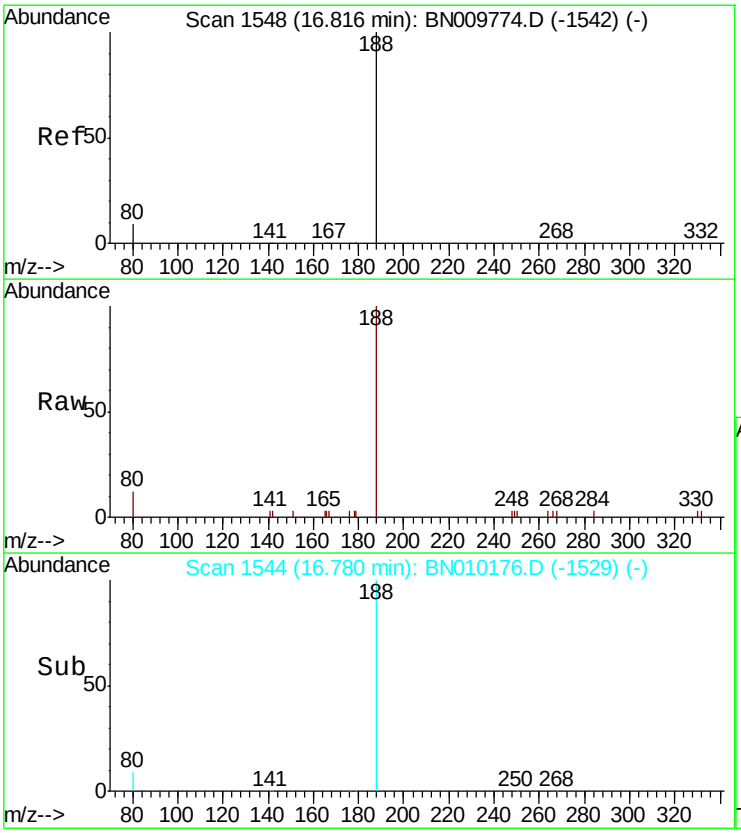
#18
Fluorene
Concen: 0.379 ng
RT: 15.08 min Scan# 1388
Delta R.T. -0.04 min
Lab File: BN010176.D
Acq: 11 Mar 2020 05:07

Instrument :
BNA_N
ClientSampleId :
PB127415BSD

Tgt Ion:166 Resp: 2259

Ion	Ratio	Lower	Upper
166	100		
165	96.7	77.2	115.8
167	13.7	10.5	15.7

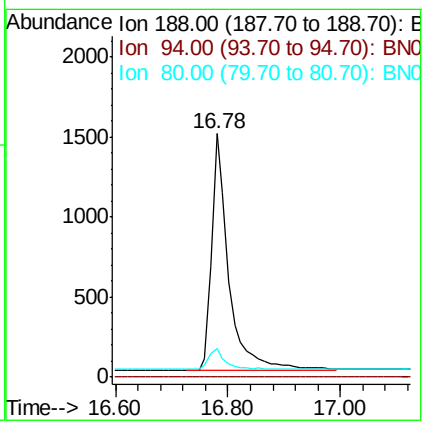


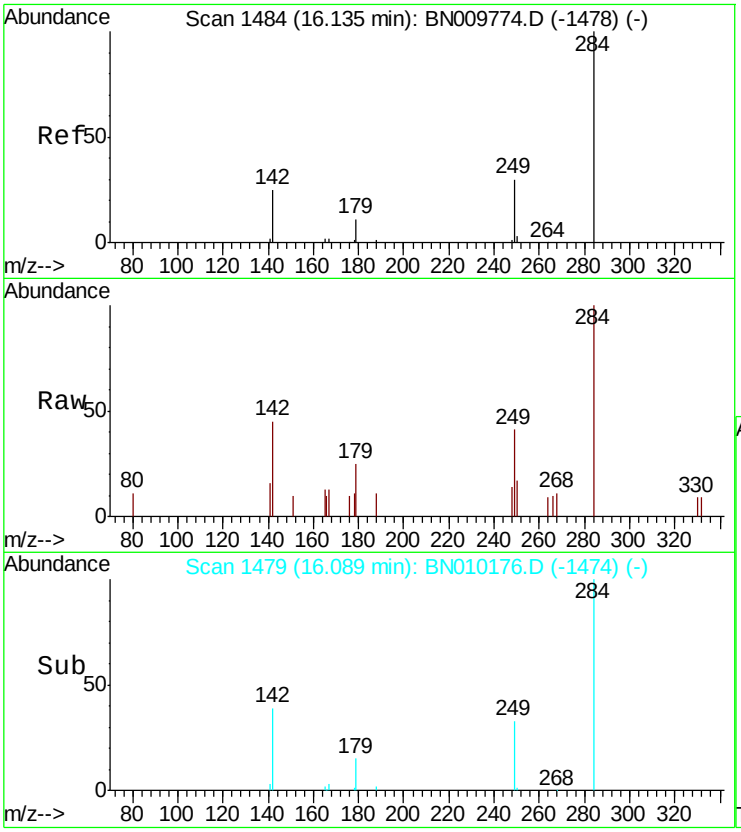


#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.78 min Scan# 1544
Delta R.T. -0.04 min
Lab File: BN010176.D
Acq: 11 Mar 2020 05:07

Tgt Ion:188 Resp: 3108

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	11.7	8.3	12.5



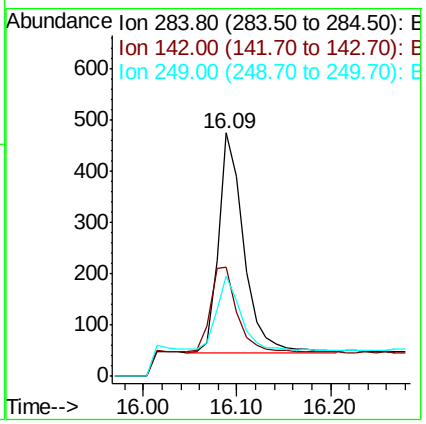


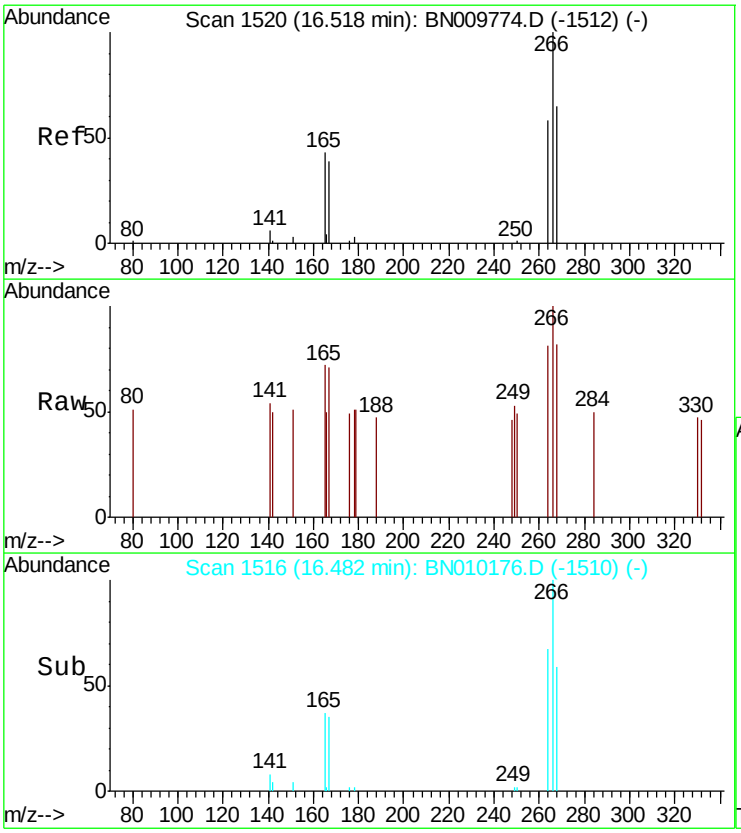
#21
Hexachlorobenzene
Concen: 0.417 ng
RT: 16.09 min Scan# 1479
Delta R.T. -0.05 min
Lab File: BN010176.D
Acq: 11 Mar 2020 05:07

Instrument :
BNA_N
ClientSampleId :
PB127415BSD

Tgt Ion:284 Resp: 806

Ion	Ratio	Lower	Upper
284	100		
142	41.8	33.3	49.9
249	31.1	25.7	38.5

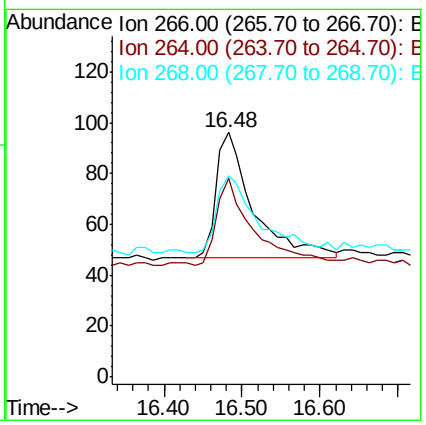


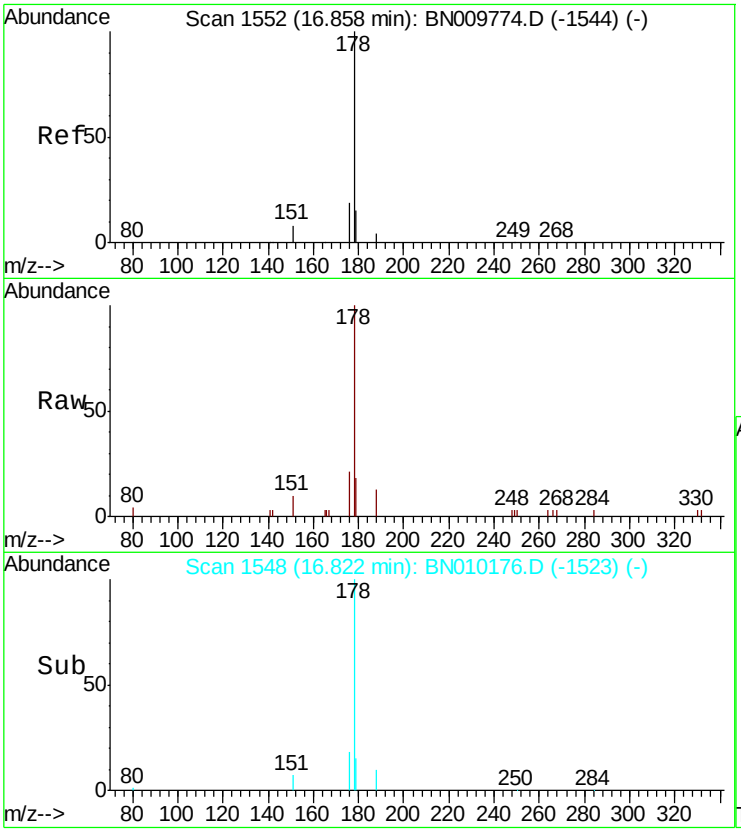


#22
Pentachlorophenol
Concen: 0.427 ng
RT: 16.48 min Scan# 1516
Delta R.T. -0.04 min
Lab File: BN010176.D
Acq: 11 Mar 2020 05:07

Tgt Ion:266 Resp: 161

Ion	Ratio	Lower	Upper
266	100		
264	81.3	58.1	87.1
268	82.3	65.7	98.5



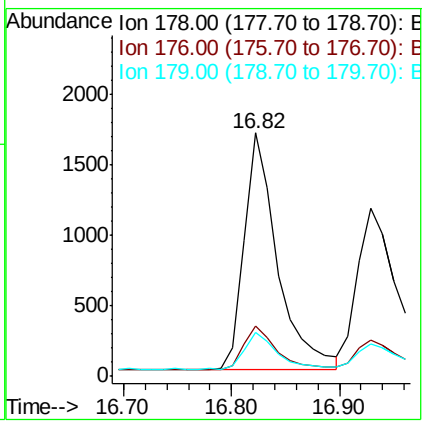


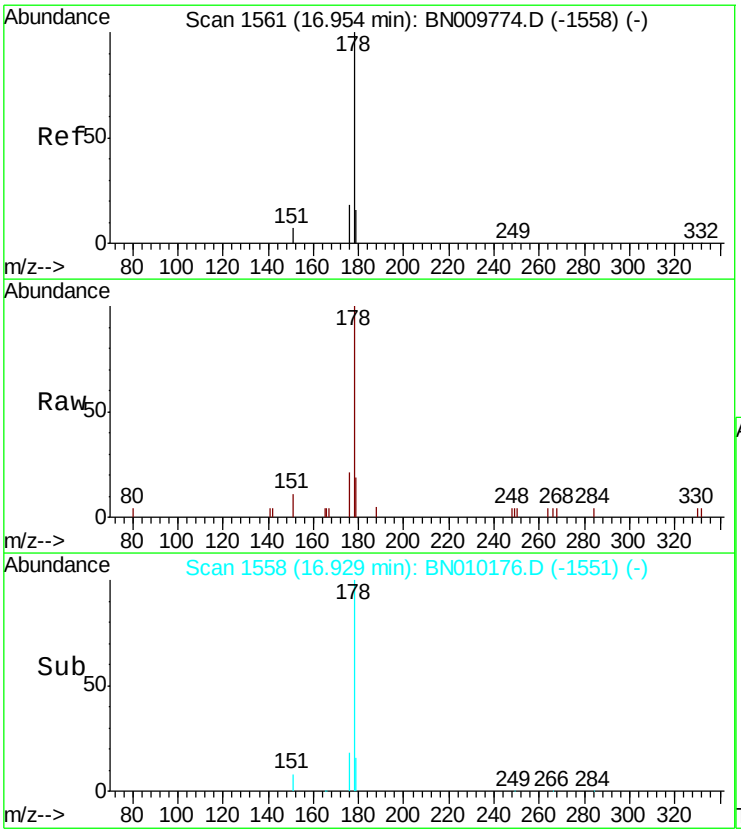
#23
Phenanthrene
Concen: 0.387 ng
RT: 16.82 min Scan# 1548
Delta R.T. -0.04 min
Lab File: BN010176.D
Acq: 11 Mar 2020 05:07

Instrument :
BNA_N
ClientSampleId :
PB127415BSD

Tgt Ion:178 Resp: 3581

Ion	Ratio	Lower	Upper
178	100		
176	18.1	15.3	22.9
179	15.5	12.4	18.6

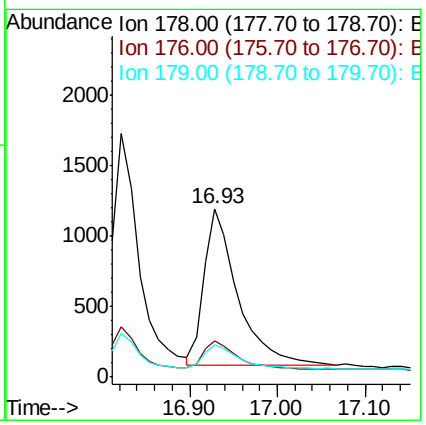


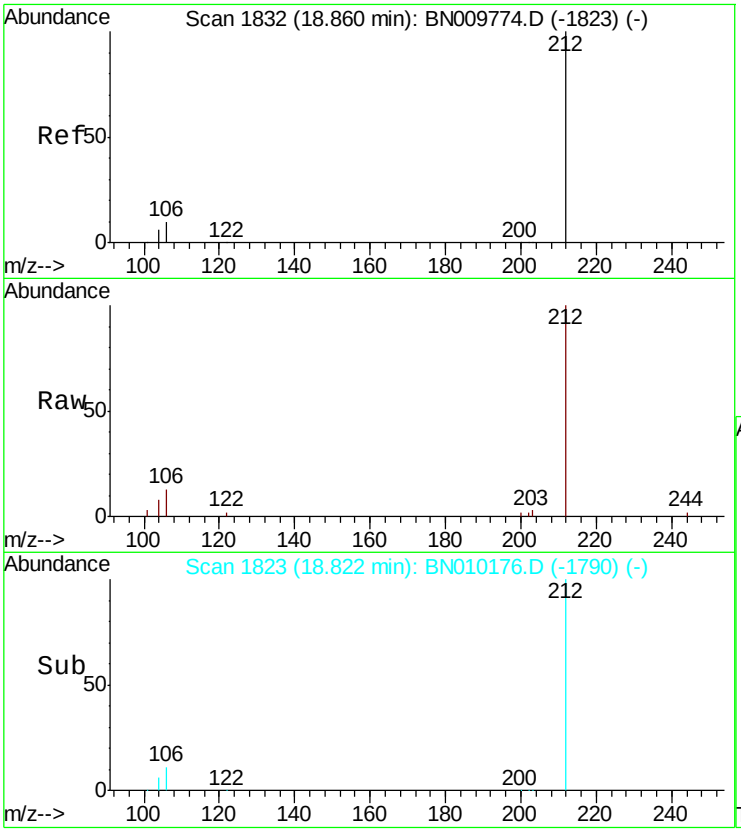


#24
Anthracene
Concen: 0.374 ng
RT: 16.93 min Scan# 1558
Delta R.T. -0.03 min
Lab File: BN010176.D
Acq: 11 Mar 2020 05:07

Tgt Ion:178 Resp: 2925

Ion	Ratio	Lower	Upper
178	100		
176	18.3	14.3	21.5
179	16.3	12.4	18.6



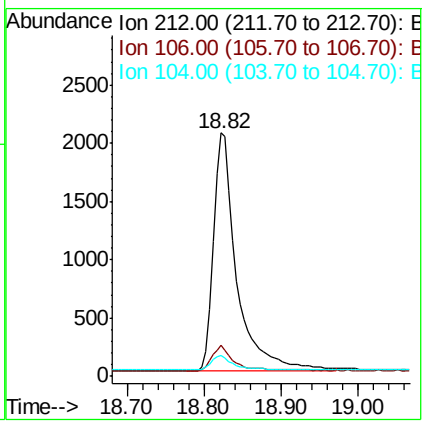


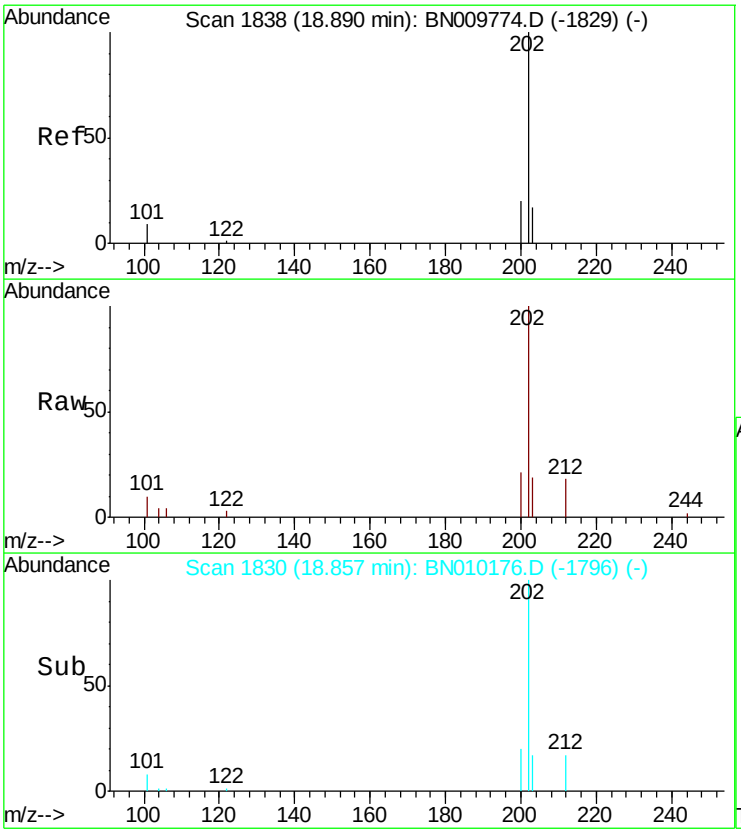
#25
Fluoranthene-d10
Concen: 0.399 ng
RT: 18.82 min Scan# 1823
Delta R.T. -0.04 min
Lab File: BN010176.D
Acq: 11 Mar 2020 05:07

Instrument :
BNA_N
ClientSampleId :
PB127415BSD

Tgt Ion:212 Resp: 4292

Ion	Ratio	Lower	Upper
212	100		
106	9.6	8.4	12.6
104	5.8	4.8	7.2

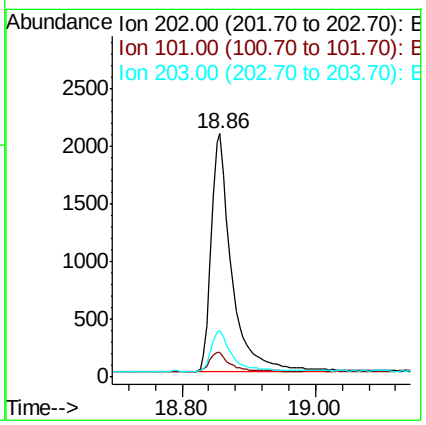


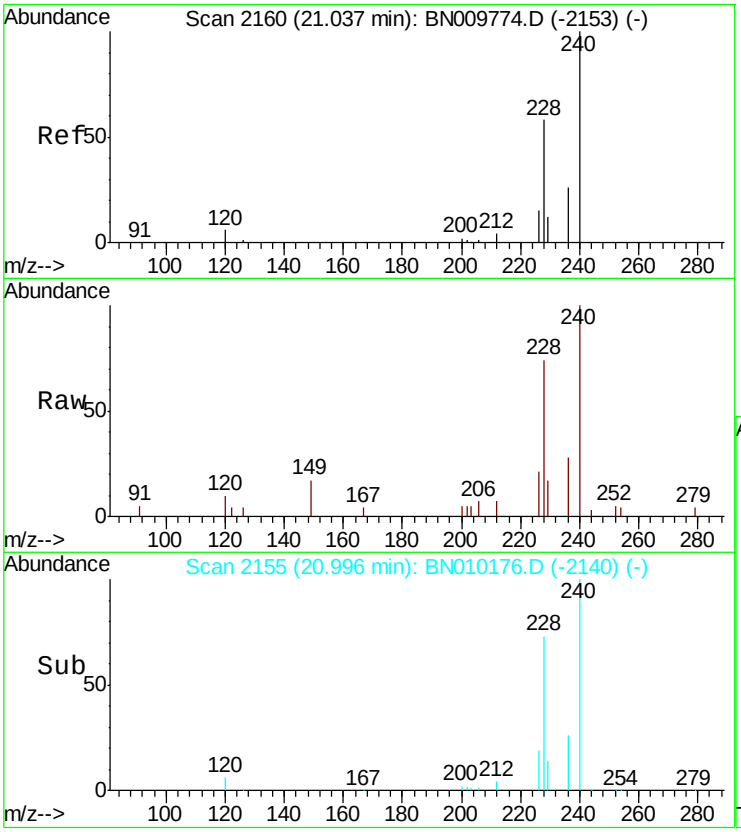


#26
Fluoranthene
Concen: 0.396 ng
RT: 18.86 min Scan# 1830
Delta R.T. -0.03 min
Lab File: BN010176.D
Acq: 11 Mar 2020 05:07

Tgt Ion:202 Resp: 4390

Ion	Ratio	Lower	Upper
202	100		
101	8.0	7.1	10.7
203	16.9	13.8	20.6



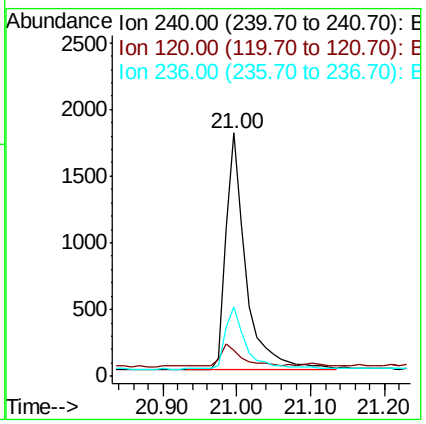


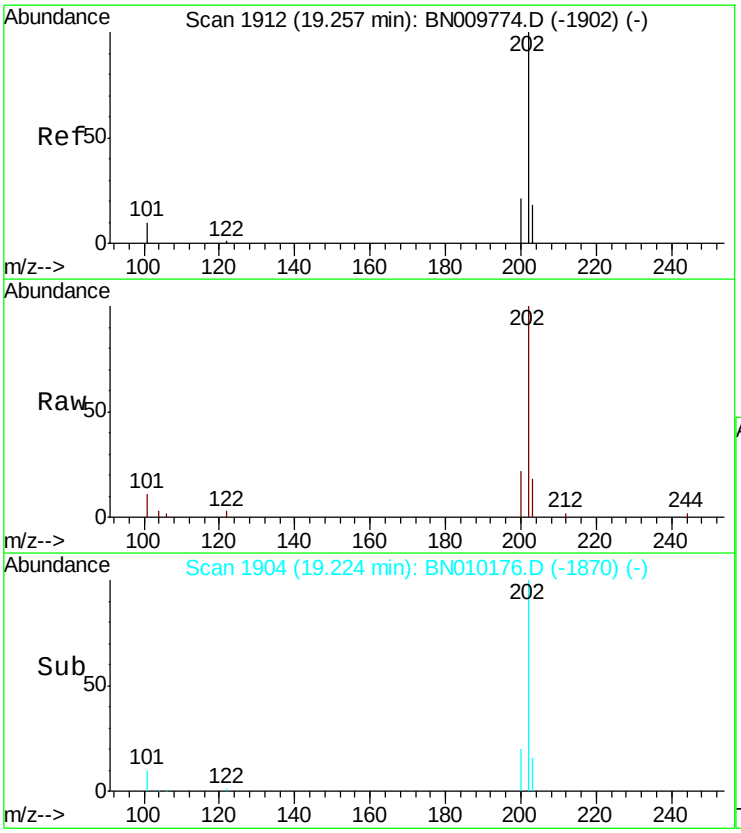
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.00 min Scan# 2155
Delta R.T. -0.04 min
Lab File: BN010176.D
Acq: 11 Mar 2020 05:07

Instrument :
BNA_N
ClientSampleId :
PB127415BSD

Tgt Ion:240 Resp: 3407

Ion	Ratio	Lower	Upper
240	100		
120	10.4	7.9	11.9
236	28.5	22.0	33.0

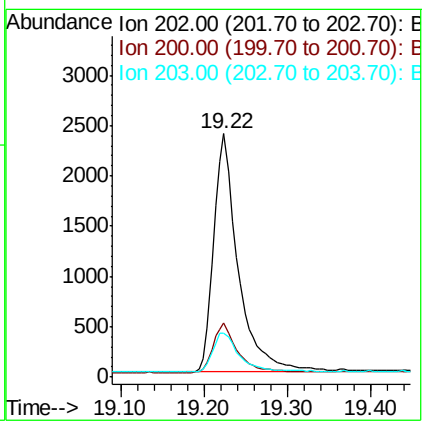


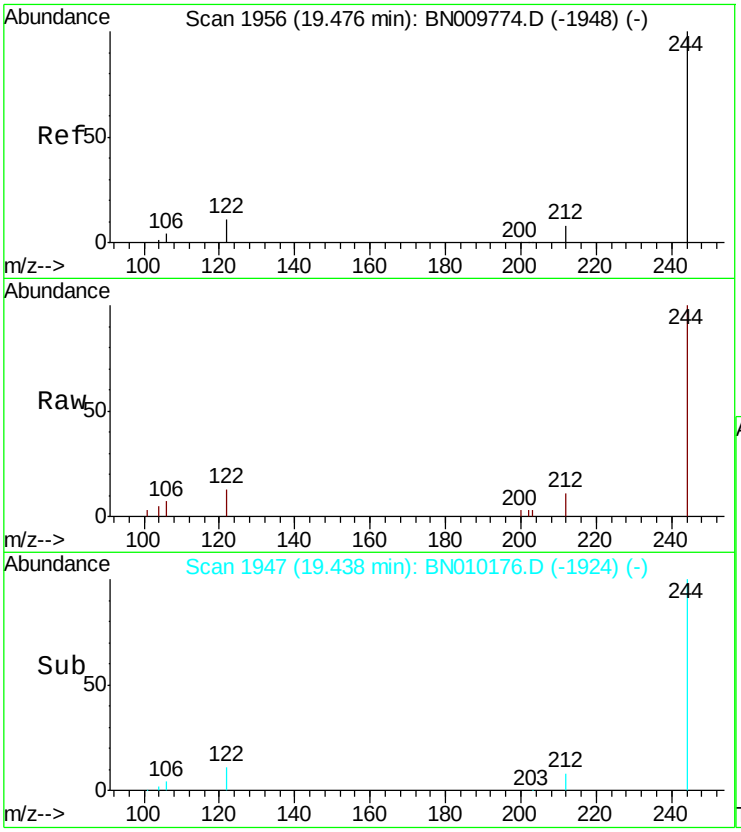


#28
Pyrene
Concen: 0.374 ng
RT: 19.22 min Scan# 1904
Delta R.T. -0.03 min
Lab File: BN010176.D
Acq: 11 Mar 2020 05:07

Tgt Ion:202 Resp: 4833

Ion	Ratio	Lower	Upper
202	100		
200	20.2	16.4	24.6
203	17.3	13.9	20.9



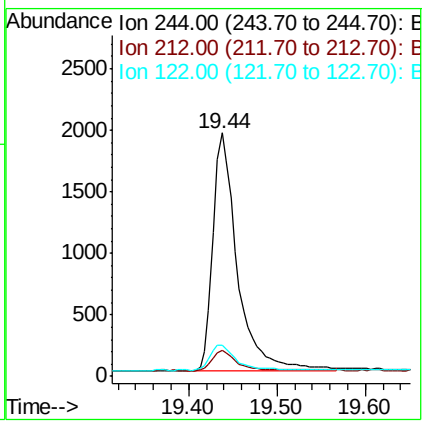


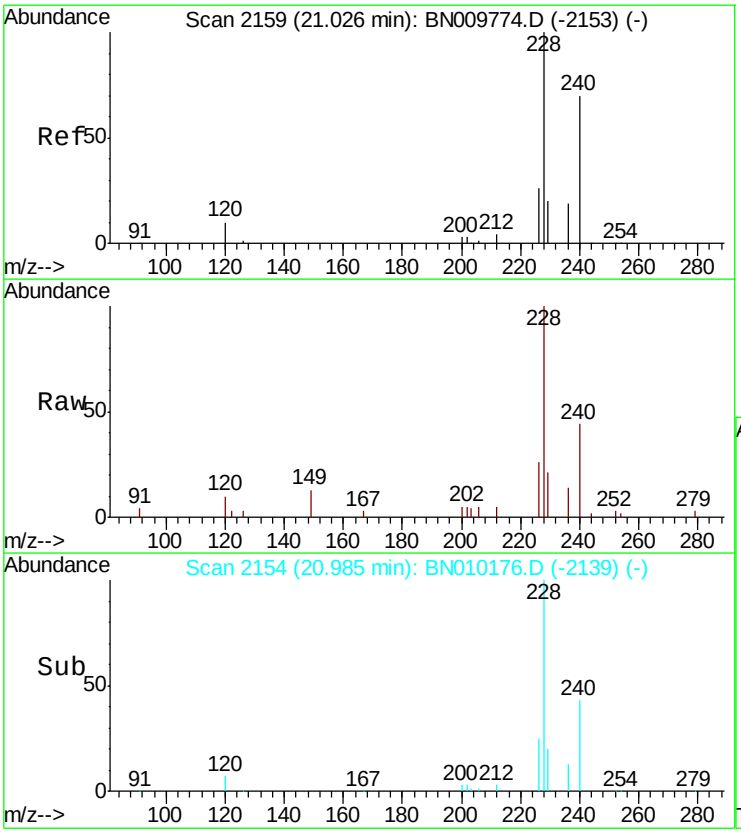
#29
Terphenyl-d14
Concen: 0.458 ng
RT: 19.44 min Scan# 1947
Delta R.T. -0.04 min
Lab File: BN010176.D
Acq: 11 Mar 2020 05:07

Instrument :
BNA_N
ClientSampleId :
PB127415BSD

Tgt Ion:244 Resp: 3727

Ion	Ratio	Lower	Upper
244	100		
212	10.6	8.0	12.0
122	12.9	10.0	15.0

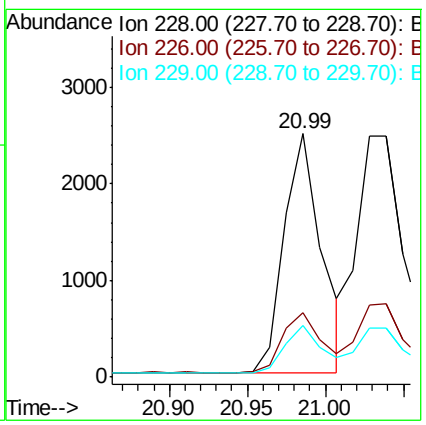


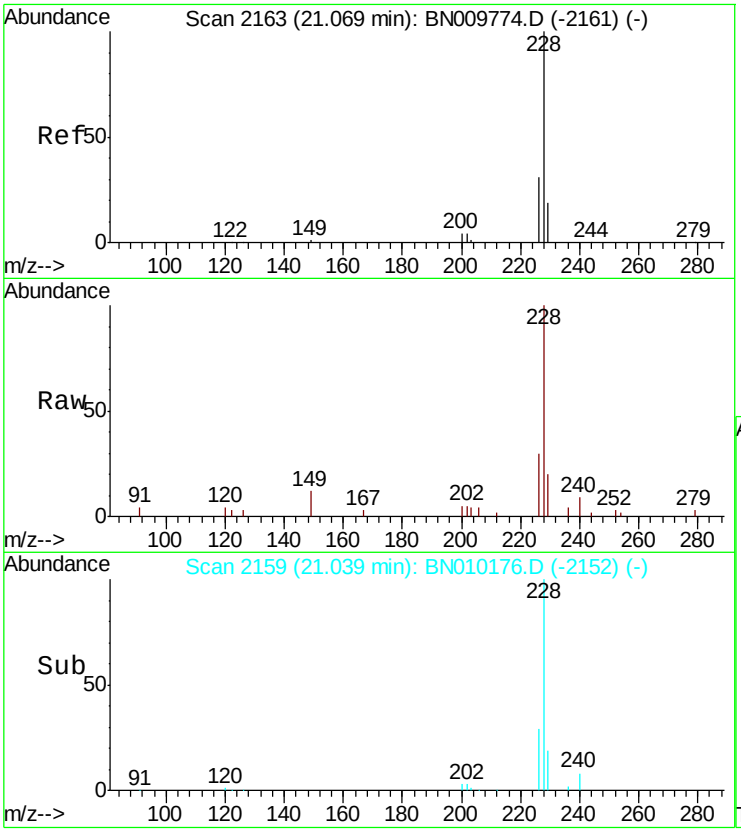


#30
Benzo(a)anthracene
Concen: 0.364 ng
RT: 20.99 min Scan# 2154
Delta R.T. -0.04 min
Lab File: BN010176.D
Acq: 11 Mar 2020 05:07

Tgt Ion:228 Resp: 4115

Ion	Ratio	Lower	Upper
228	100		
226	26.4	21.8	32.8
229	21.3	17.1	25.7



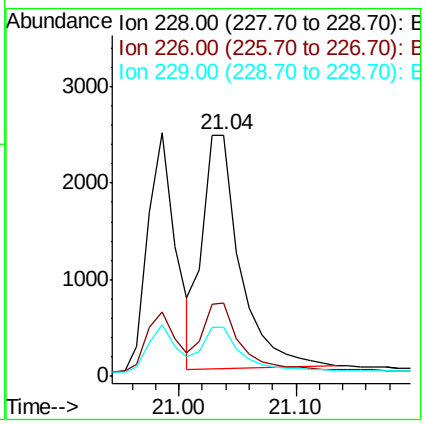


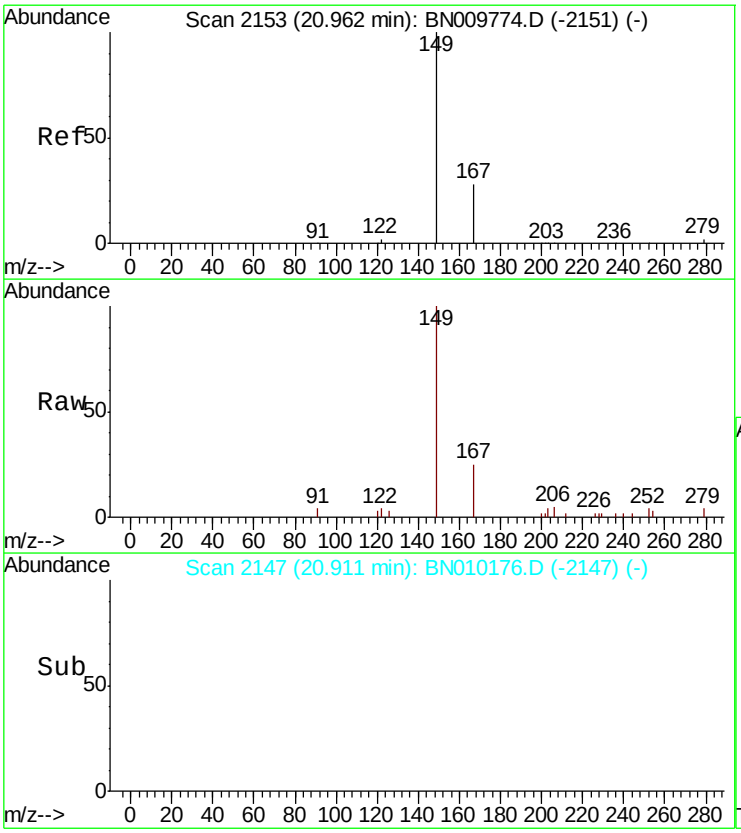
#31
Chrysene
Concen: 0.414 ng
RT: 21.04 min Scan# 2159
Delta R.T. -0.03 min
Lab File: BN010176.D
Acq: 11 Mar 2020 05:07

Instrument :
BNA_N
ClientSampleId :
PB127415BSD

Tgt Ion:228 Resp: 5413

Ion	Ratio	Lower	Upper
228	100		
226	30.2	24.8	37.2
229	20.3	16.4	24.6

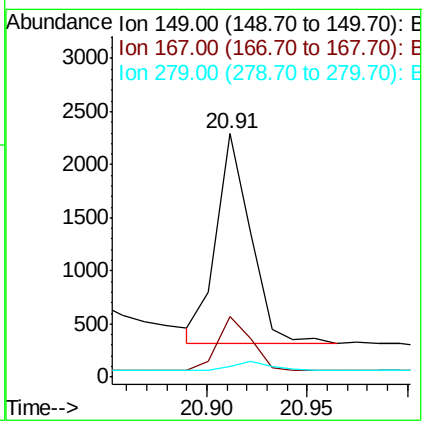


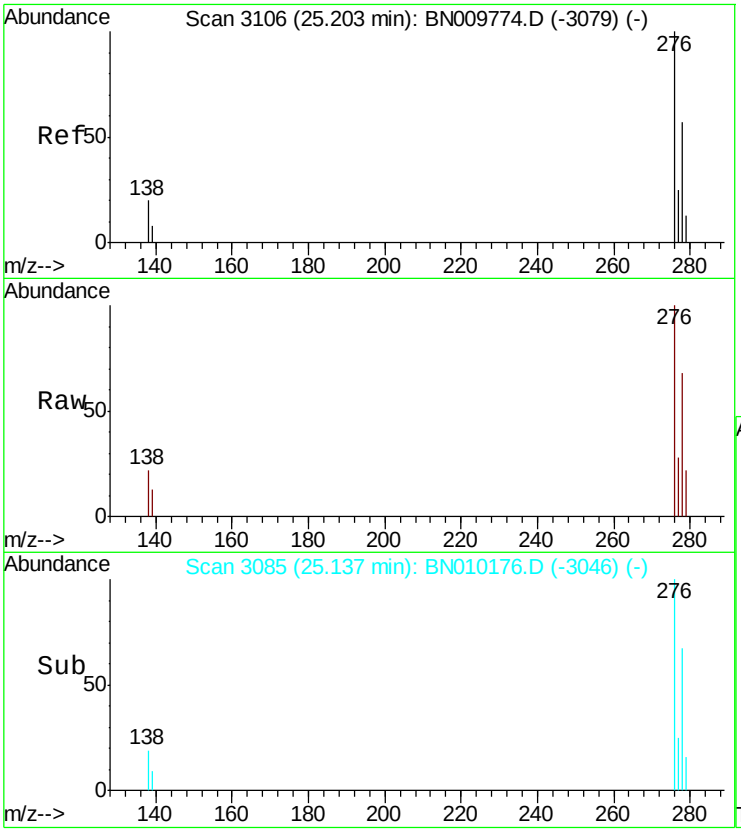


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.427 ng
RT: 20.91 min Scan# 2147
Delta R.T. -0.05 min
Lab File: BN010176.D
Acq: 11 Mar 2020 05:07

Tgt Ion:149 Resp: 2353

Ion	Ratio	Lower	Upper
149	100		
167	25.0	22.7	34.1
279	4.2	3.1	4.7



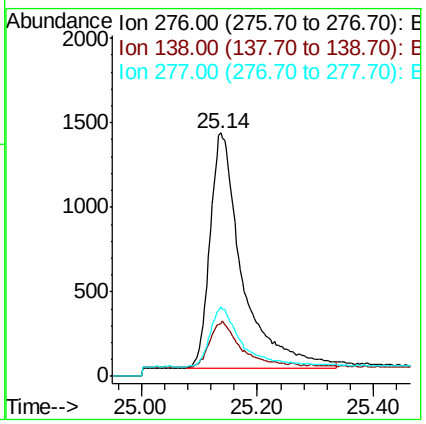


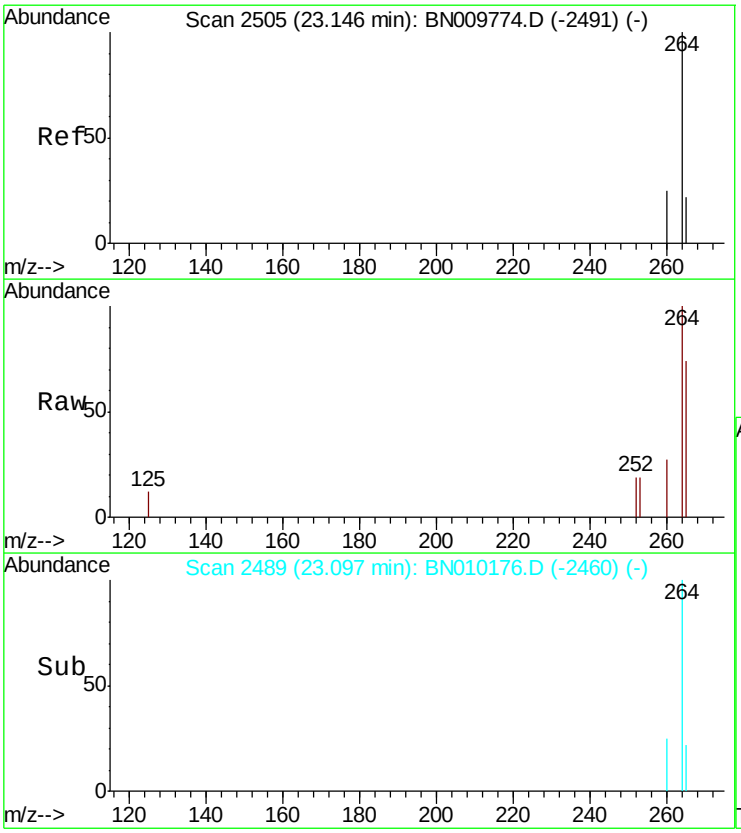
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.395 ng
RT: 25.14 min Scan# 3085
Delta R.T. -0.07 min
Lab File: BN010176.D
Acq: 11 Mar 2020 05:07

Instrument :
BNA_N
ClientSampleId :
PB127415BSD

Tgt Ion:276 Resp: 5379

Ion	Ratio	Lower	Upper
276	100		
138	17.8	15.8	23.6
277	22.4	19.3	28.9

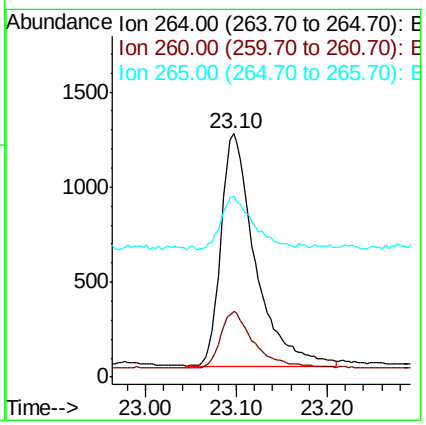


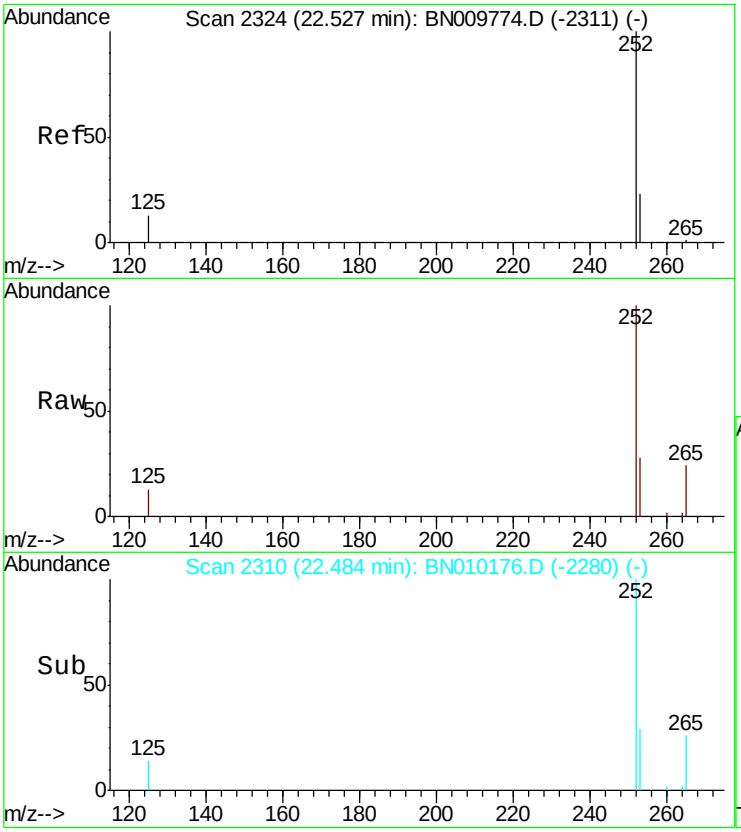


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.10 min Scan# 2489
Delta R.T. -0.05 min
Lab File: BN010176.D
Acq: 11 Mar 2020 05:07

Tgt Ion:264 Resp: 3216

Ion	Ratio	Lower	Upper
264	100		
260	27.1	21.1	31.7
265	74.4	57.5	86.3



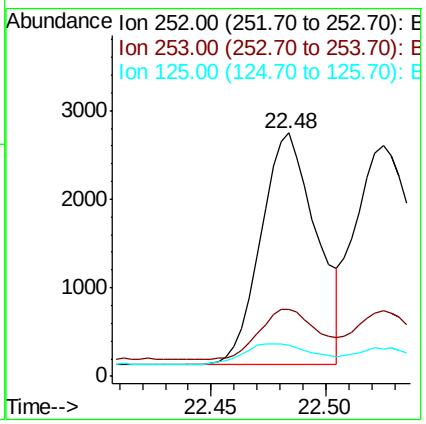


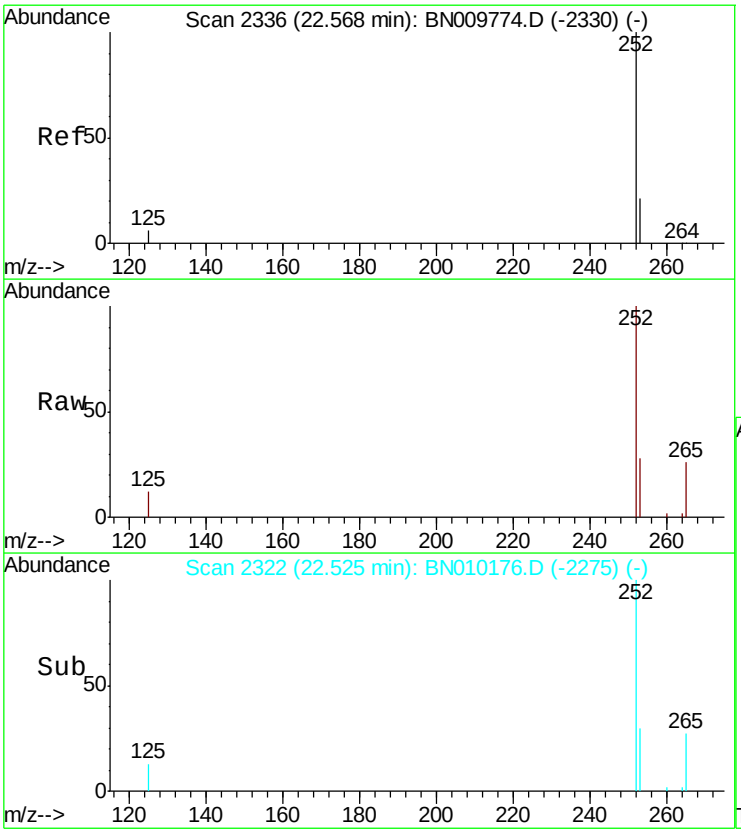
#35
Benzo(b)fluoranthene
Concen: 0.374 ng
RT: 22.48 min Scan# 2310
Delta R.T. -0.04 min
Lab File: BN010176.D
Acq: 11 Mar 2020 05:07

Instrument :
BNA_N
ClientSampleId :
PB127415BSD

Tgt Ion:252 Resp: 4398

Ion	Ratio	Lower	Upper
252	100		
253	27.6	23.0	34.6
125	12.9	14.4	21.6#

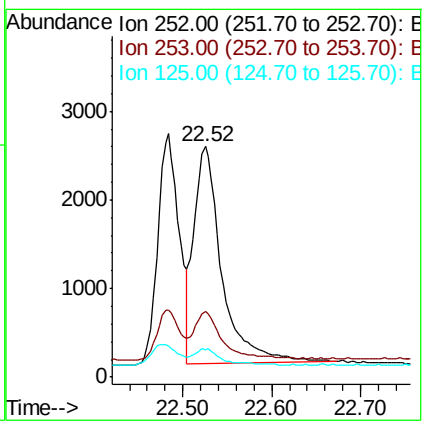


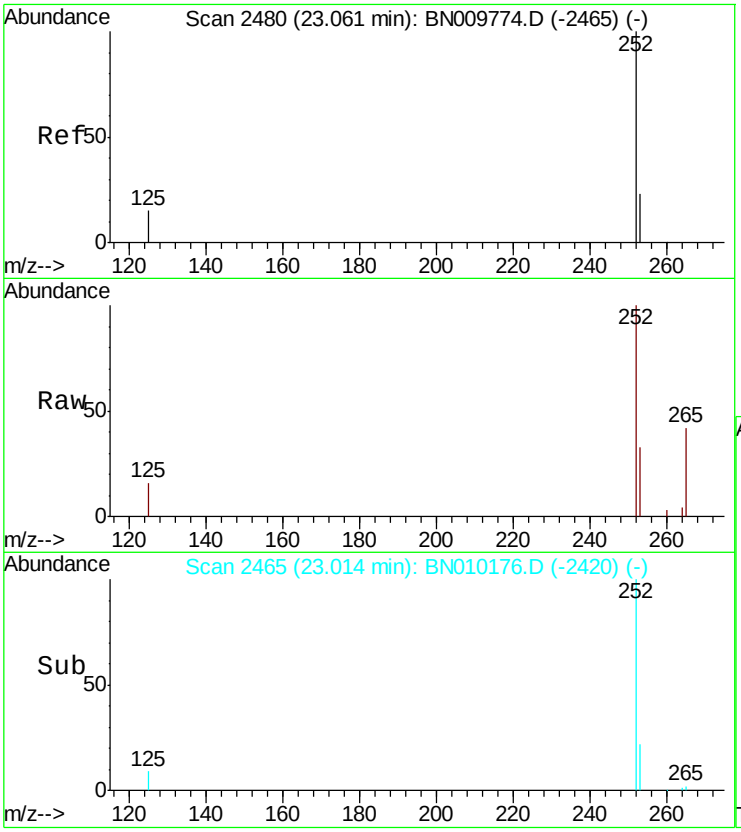


#36
Benzo(k)fluoranthene
Concen: 0.417 ng
RT: 22.52 min Scan# 2322
Delta R.T. -0.04 min
Lab File: BN010176.D
Acq: 11 Mar 2020 05:07

Tgt Ion:252 Resp: 5332

Ion	Ratio	Lower	Upper
252	100		
253	28.2	22.2	33.2
125	12.0	10.5	15.7



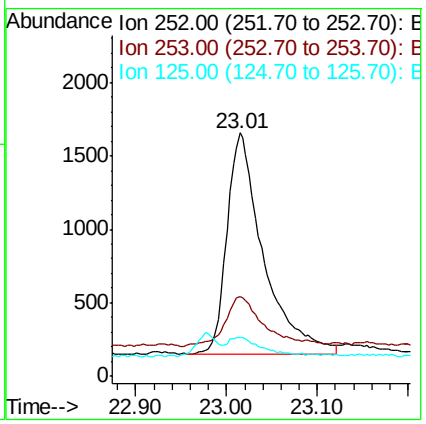


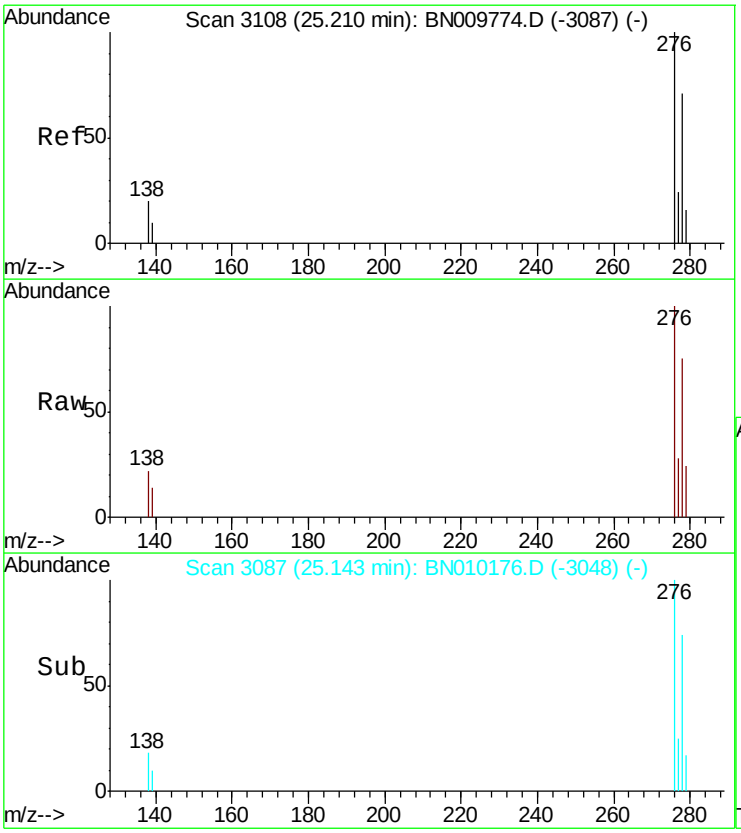
#37
Benzo(a)pyrene
Concen: 0.395 ng
RT: 23.01 min Scan# 2465
Delta R.T. -0.05 min
Lab File: BN010176.D
Acq: 11 Mar 2020 05:07

Instrument :
BNA_N
ClientSampleId :
PB127415BSD

Tgt Ion:252 Resp: 4234

Ion	Ratio	Lower	Upper
252	100		
253	32.8	25.3	37.9
125	16.1	17.7	26.5#

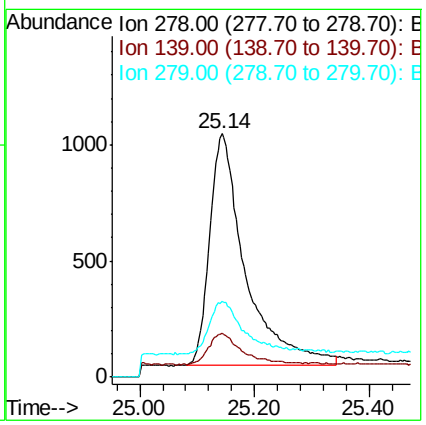


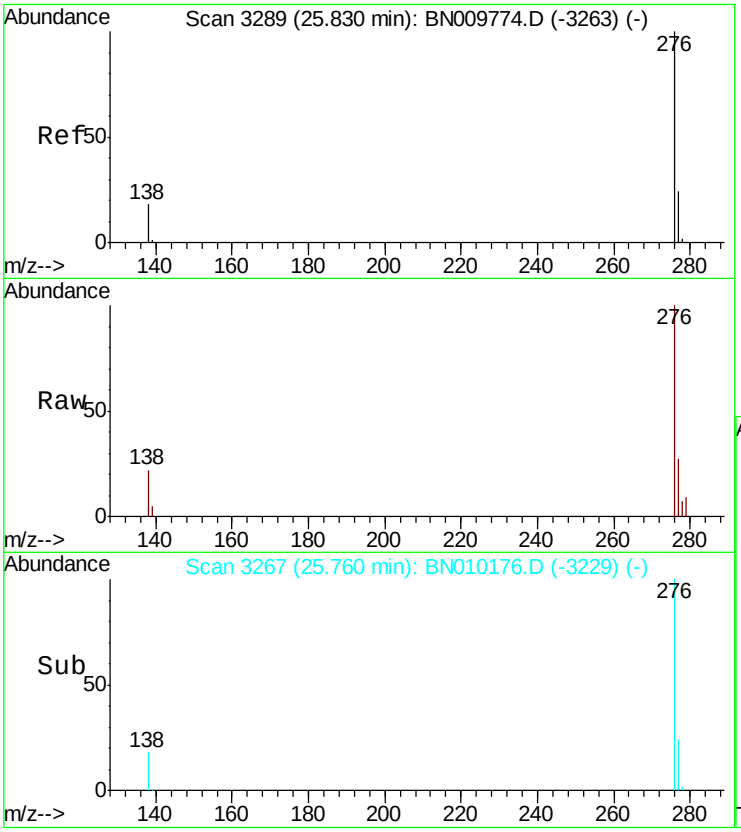


#38
Dibenzo(a,h)anthracene
Concen: 0.408 ng
RT: 25.14 min Scan# 3087
Delta R.T. -0.07 min
Lab File: BN010176.D
Acq: 11 Mar 2020 05:07

Tgt Ion:278 Resp: 4310

Ion	Ratio	Lower	Upper
278	100		
139	18.1	14.5	21.7
279	31.3	24.3	36.5





#39
Benzo(g,h,i)perylene
Concen: 0.415 ng
RT: 25.76 min Scan# 3267
Delta R.T. -0.07 min
Lab File: BN010176.D
Acq: 11 Mar 2020 05:07

Instrument :
BNA_N
ClientSampleId :
PB127415BSD

Tgt Ion:276 Resp: 4672

Ion	Ratio	Lower	Upper
276	100		
277	27.5	21.4	32.0
138	21.6	16.6	24.8